

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007100.D
 Acq On : 22 Sep 2021 16:19
 Operator : CG/JU
 Sample : M3733-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NAPL-AREA-01-(18-20)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	397	406	415	rBV	3024635	4589482	19.82%	3.970%
2	7.063	667	676	693	rBV	2863243	4634824	20.01%	4.009%
3	7.899	810	818	825	rVB	942344	1614614	6.97%	1.397%
4	7.975	825	831	837	rBV	152920	288703	1.25%	0.250%
5	8.093	837	851	854	rBV2	162643	331960	1.43%	0.287%
6	8.781	961	968	971	rBV5	107344	278538	1.20%	0.241%
7	9.057	1010	1015	1025	rBV	1674763	2740675	11.83%	2.371%
8	9.222	1038	1043	1045	rBV2	146724	234470	1.01%	0.203%
9	9.263	1045	1050	1054	rVB3	213355	384900	1.66%	0.333%
10	9.369	1064	1068	1080	rVB3	341699	907967	3.92%	0.785%
11	9.487	1080	1088	1092	rVB2	202084	440725	1.90%	0.381%
12	9.552	1092	1099	1100	rBV3	306678	477198	2.06%	0.413%
13	9.622	1107	1111	1115	rVB2	215617	344485	1.49%	0.298%
14	9.669	1115	1119	1124	rBV	288514	397024	1.71%	0.343%
15	9.781	1132	1138	1144	rBV2	386495	719917	3.11%	0.623%
16	9.881	1149	1155	1163	rBV2	376379	727787	3.14%	0.630%
17	9.957	1163	1168	1176	rBV2	185266	465438	2.01%	0.403%
18	10.122	1189	1196	1198	rBV4	144872	329400	1.42%	0.285%
19	10.287	1218	1224	1233	rBV5	155892	451793	1.95%	0.391%
20	10.481	1252	1257	1268	rVB	911079	1559857	6.74%	1.349%
21	10.699	1286	1294	1304	rVB	1249686	2511138	10.84%	2.172%
22	10.822	1311	1315	1318	rBV3	173840	249210	1.08%	0.216%
23	10.869	1318	1323	1330	rVB	705695	1116632	4.82%	0.966%
24	11.093	1355	1361	1366	rBV2	107270	260511	1.12%	0.225%
25	13.157	1704	1712	1720	rBV	4660532	6935212	29.95%	5.999%
26	14.016	1851	1858	1862	rVB	209983	352923	1.52%	0.305%
27	14.528	1937	1945	1953	rVV	1823351	2946193	12.72%	2.548%
28	15.057	2031	2035	2040	rVB2	260937	352980	1.52%	0.305%
29	16.016	2192	2198	2204	rVB	4144096	6075495	26.23%	5.255%
30	16.363	2253	2257	2261	rBV2	277911	480541	2.07%	0.416%
31	16.851	2338	2340	2344	rVB	282630	275702	1.19%	0.238%
32	17.275	2408	2412	2423	rBV	2194836	3258667	14.07%	2.819%
33	17.645	2472	2475	2479	rBV2	171092	242169	1.05%	0.209%
34	17.951	2524	2527	2531	rVB	337953	407463	1.76%	0.352%
35	18.186	2559	2567	2583	rBV	8293021	15849313	68.44%	13.710%
36	19.416	2768	2776	2790	rBV	12324770	23159186	100.00%	20.033%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.833	2843	2847	2858	rVB	7692109	9728506	42.01%	8.415%
38	20.510	2959	2962	2968	rVB	865931	1013477	4.38%	0.877%
39	21.086	3057	3060	3065	rVB2	828229	1268273	5.48%	1.097%
40	21.139	3066	3069	3078	rVB	1782806	2179103	9.41%	1.885%
41	21.274	3088	3092	3098	rVB	4404013	5125641	22.13%	4.434%
42	21.363	3103	3107	3116	rVB	2690952	3596226	15.53%	3.111%
43	22.322	3266	3270	3275	rVB	1570101	2219270	9.58%	1.920%
44	23.780	3512	3518	3530	rVB2	1856328	4082812	17.63%	3.532%

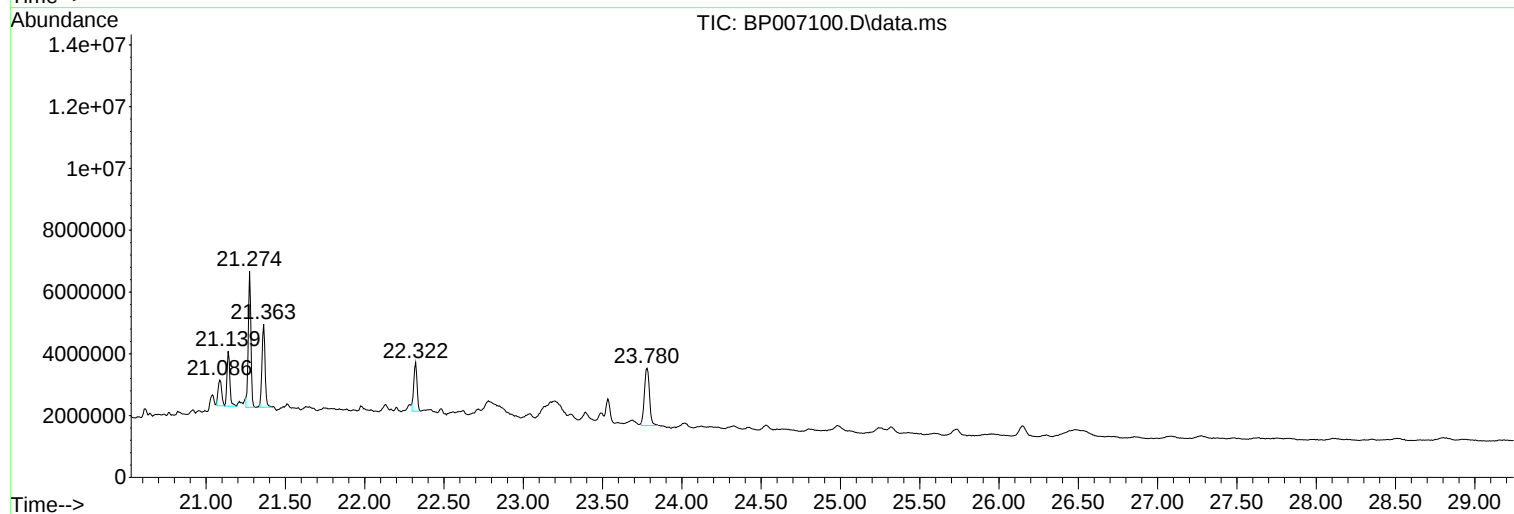
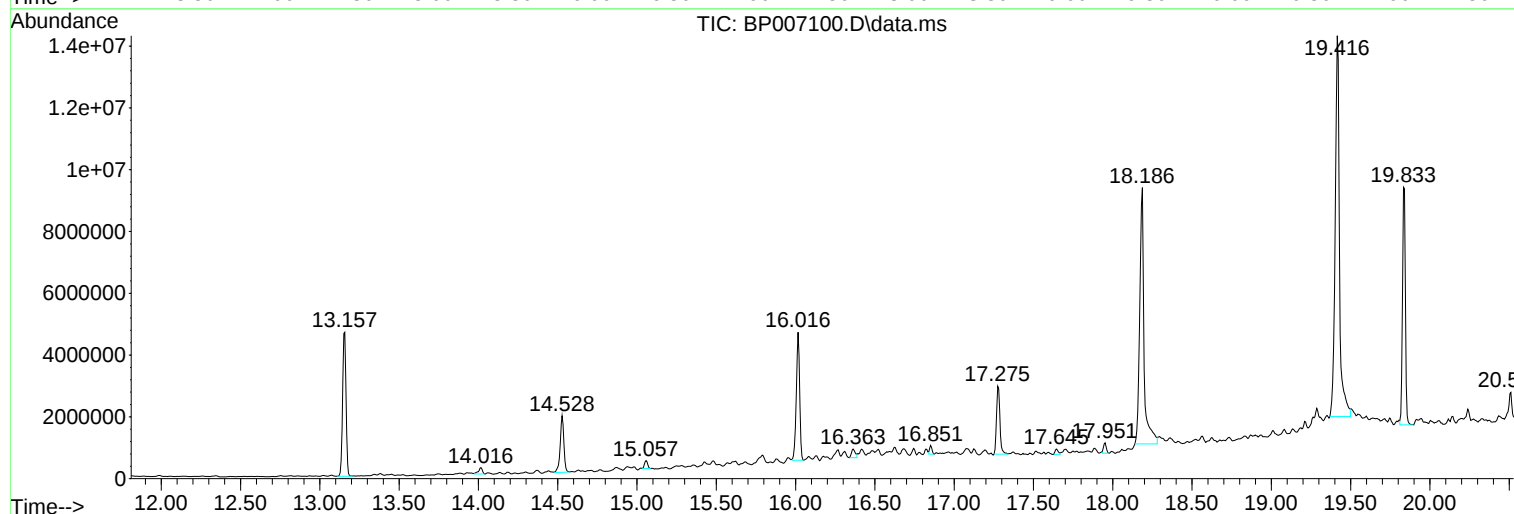
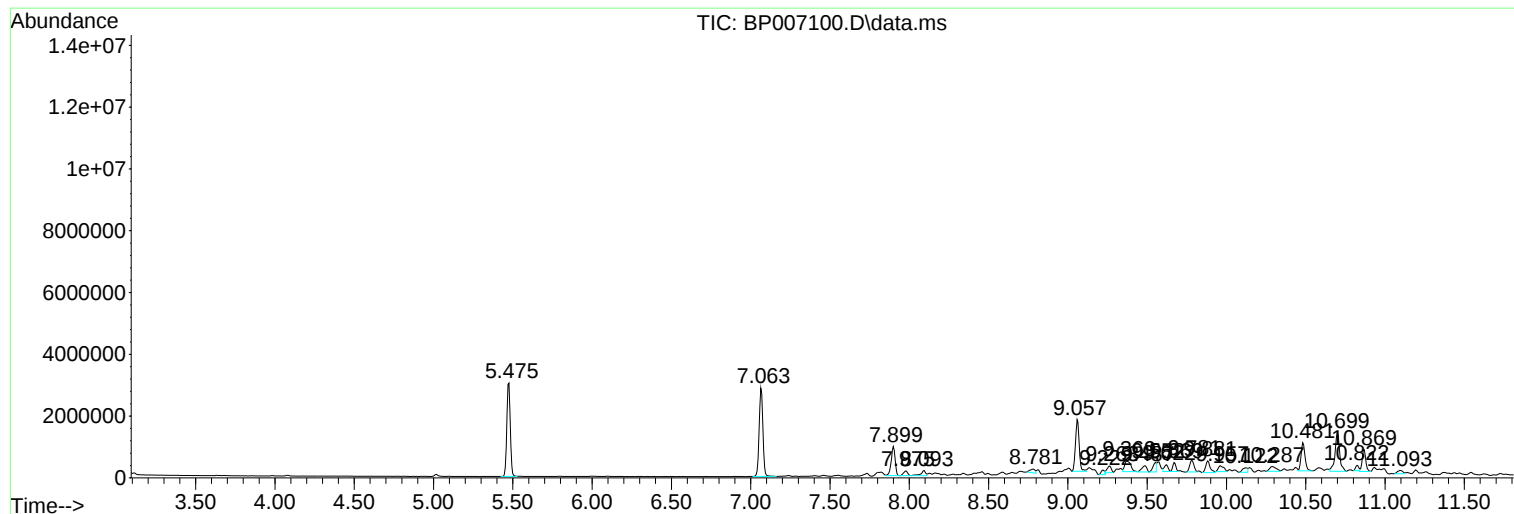
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

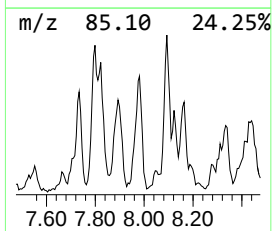
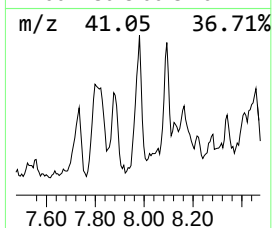
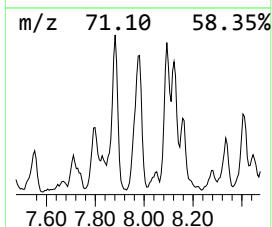
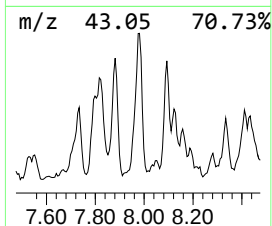
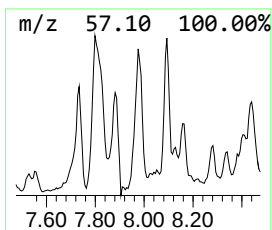
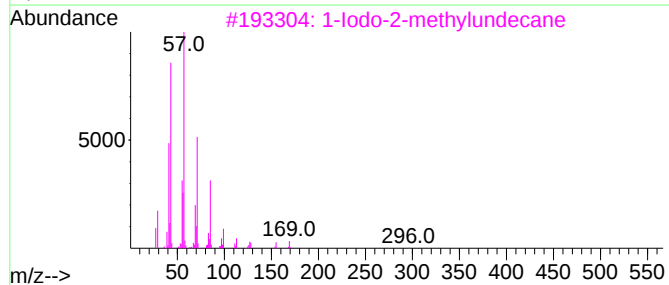
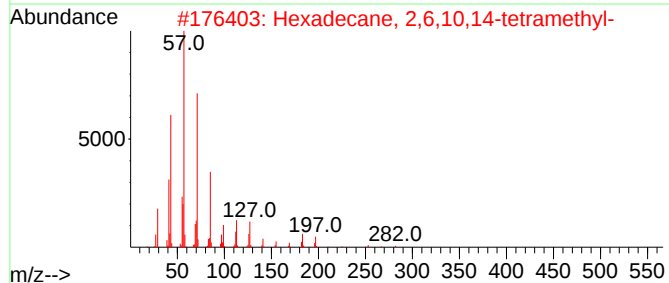
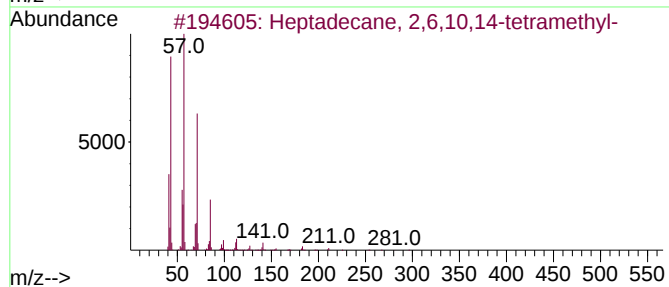
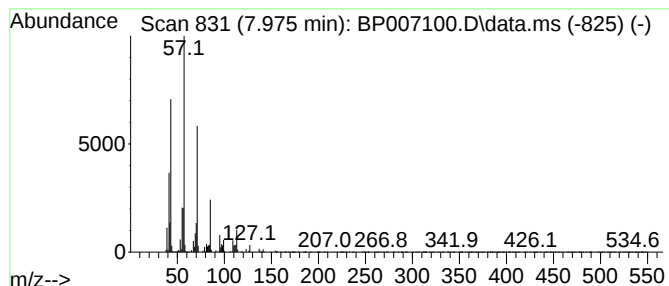
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Heptadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	3.58 ng	288703	1,4-Dichlorobenzene-d4	7.899

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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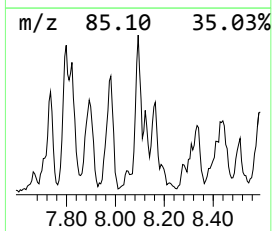
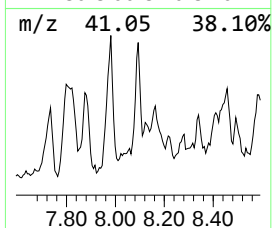
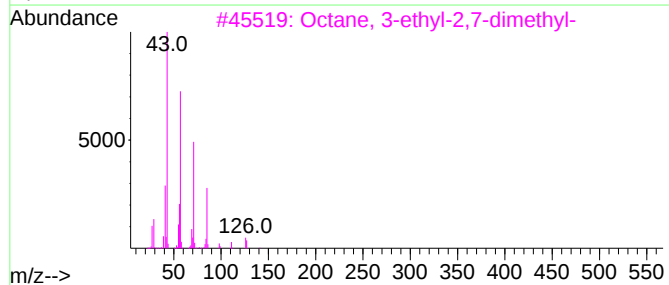
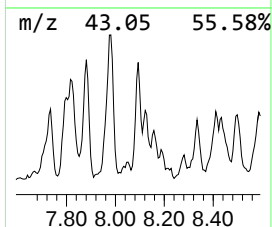
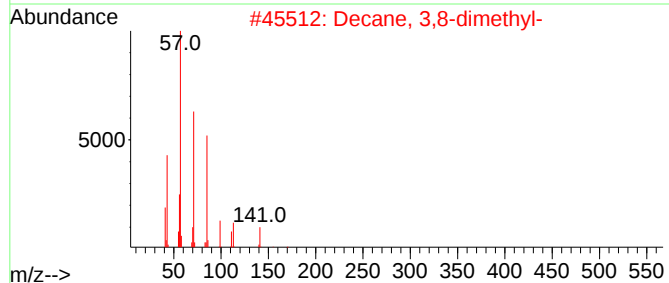
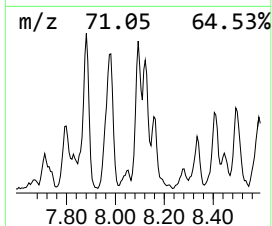
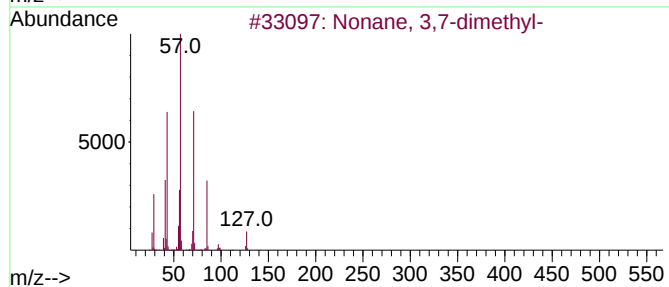
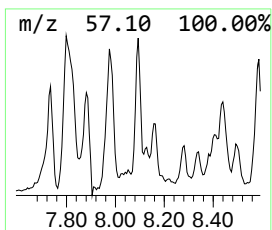
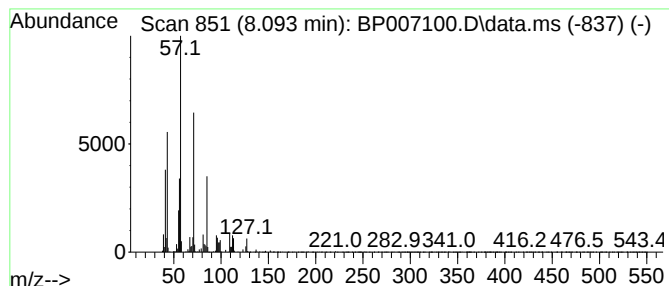
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 3,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.093	4.11 ng	331960	1,4-Dichlorobenzene-d4	7.899

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



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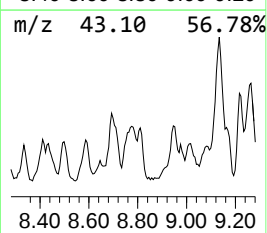
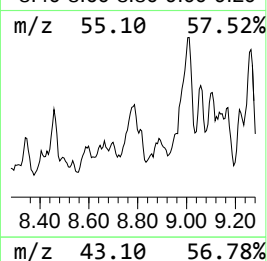
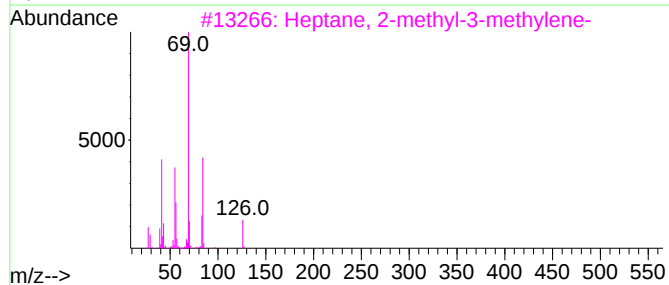
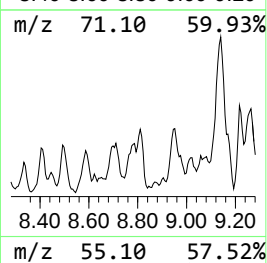
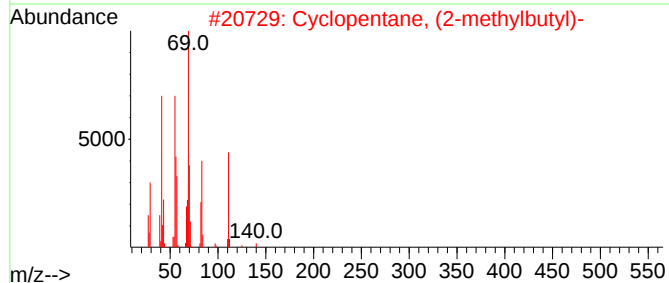
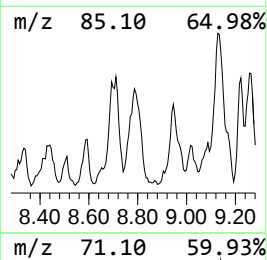
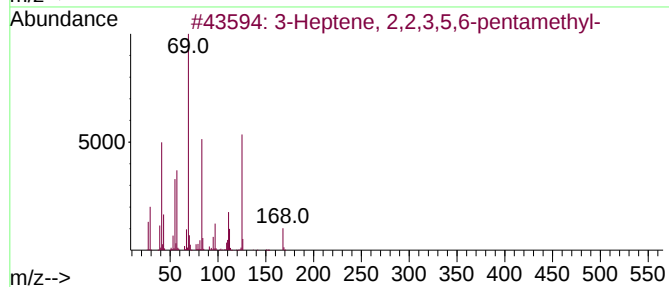
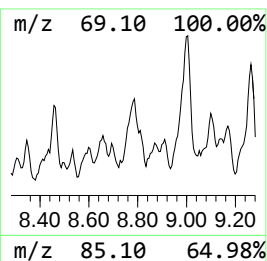
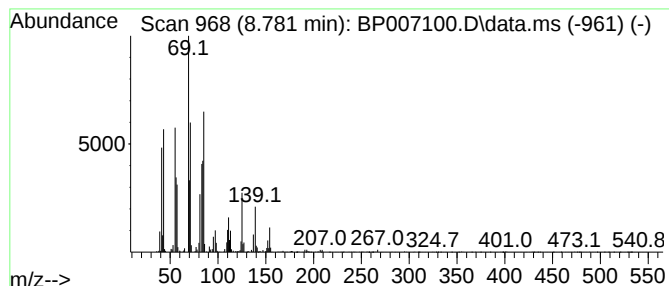
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.781 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	3.45 ng	278538	1,4-Dichlorobenzene-d4	7.899

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	38		
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30		
3	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	30		
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	30		
5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	27		



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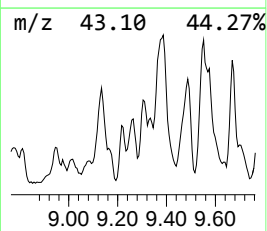
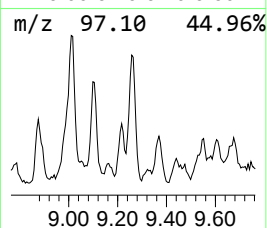
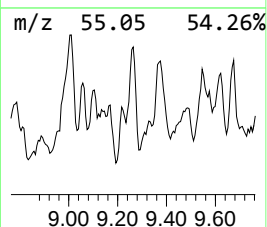
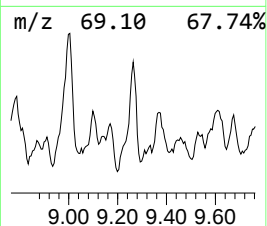
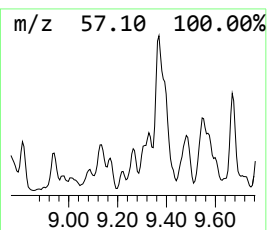
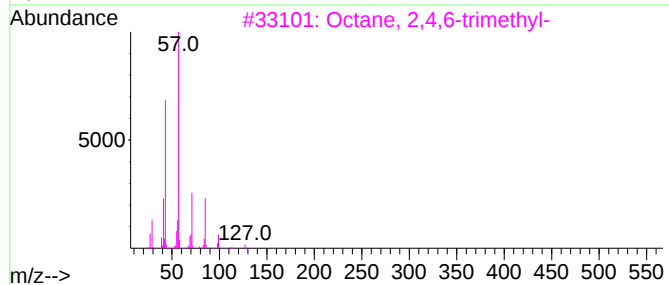
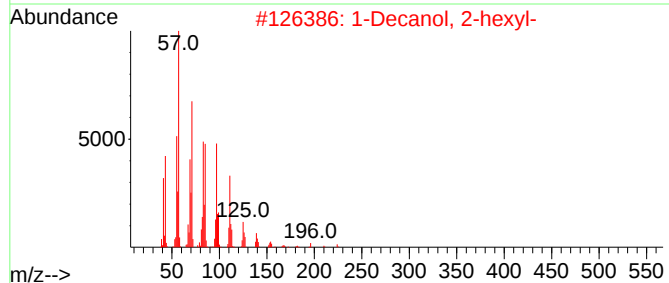
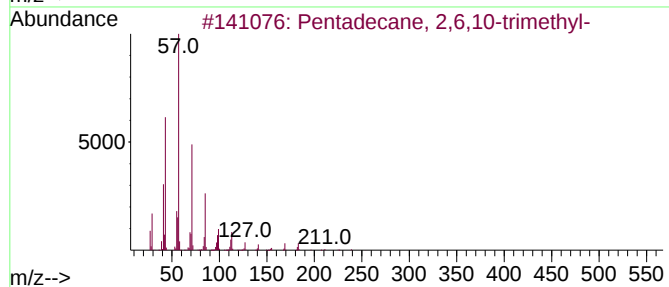
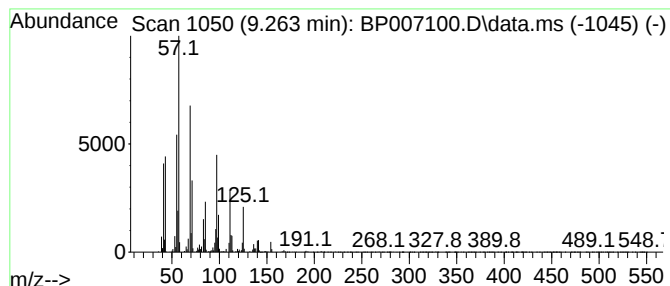
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.263 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	4.77 ng	384900	1,4-Dichlorobenzene-d4	7.899

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	38
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	27
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	27
5			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	27



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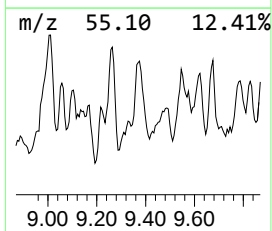
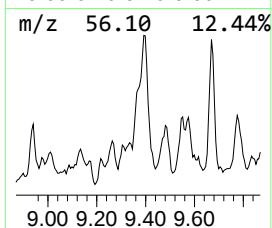
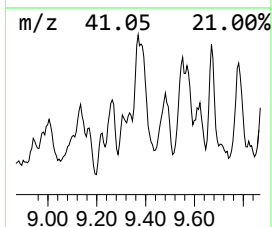
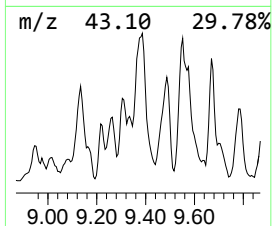
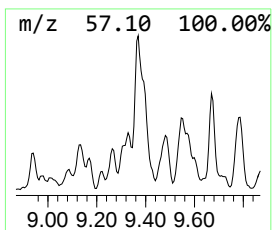
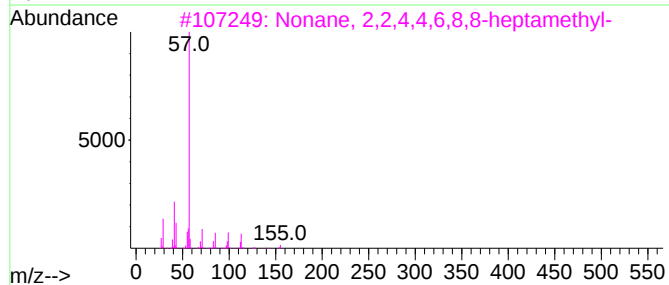
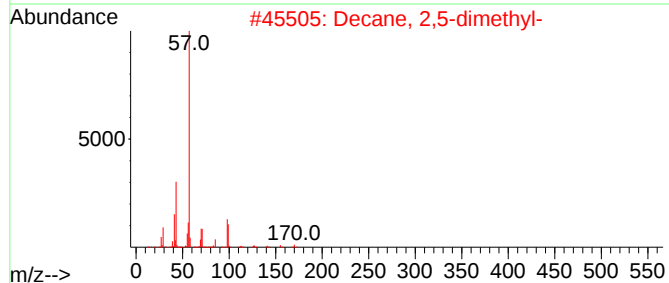
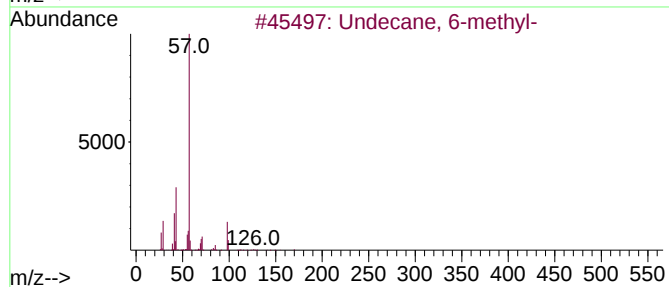
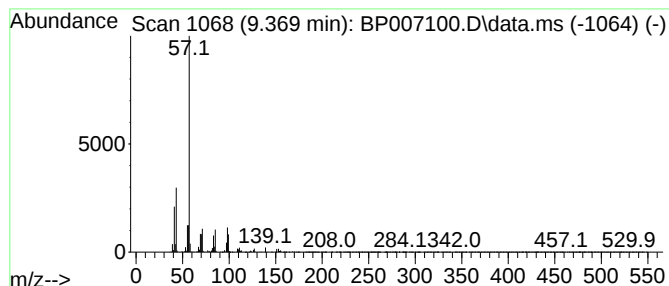
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Decane, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	7.23 ng	907967	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
3			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	59
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	50
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

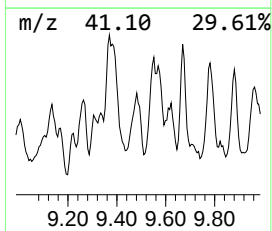
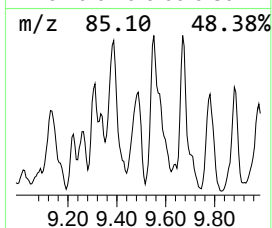
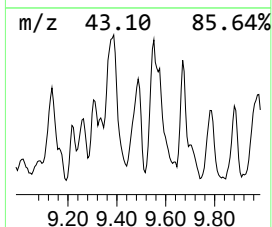
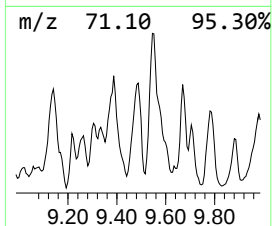
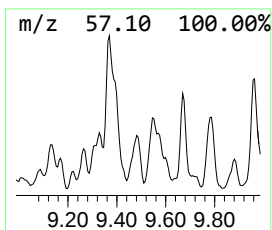
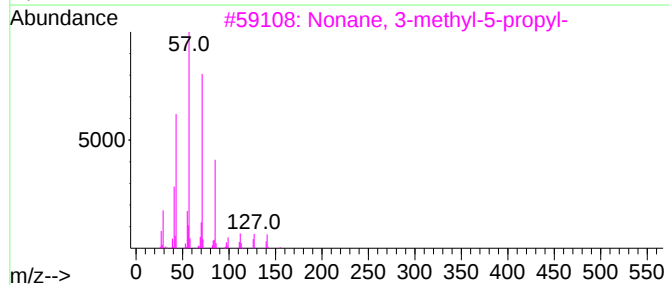
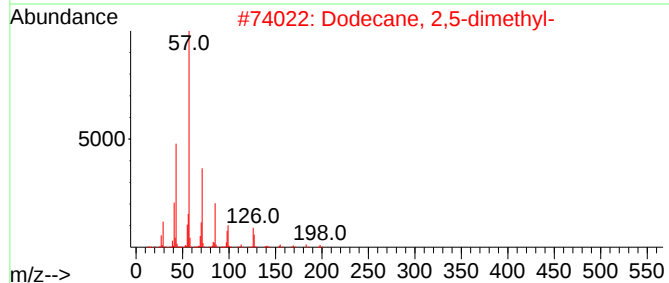
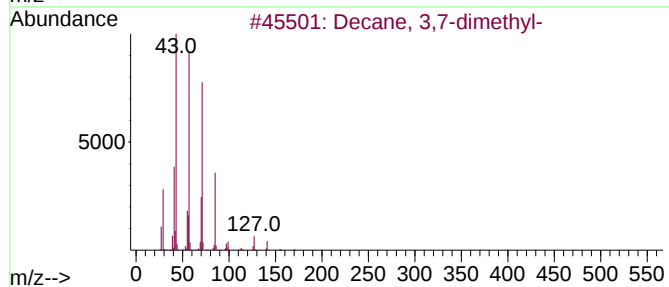
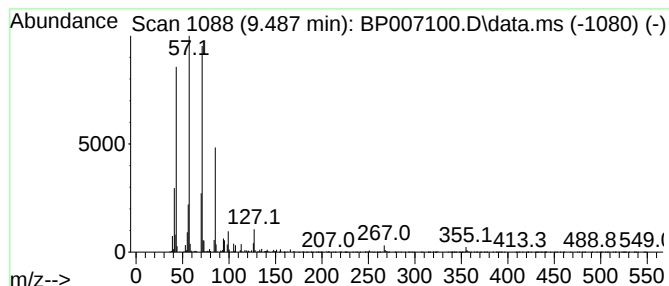
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.487	3.51 ng	440725	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	80
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

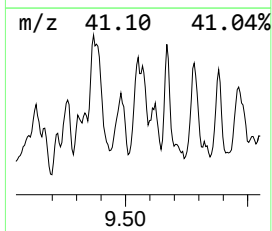
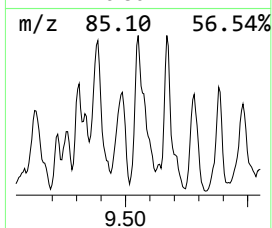
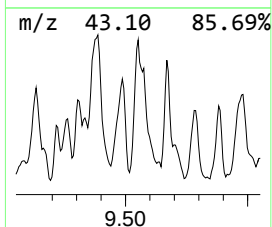
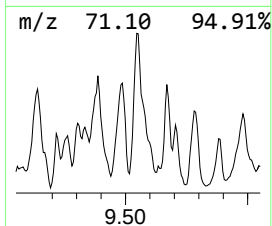
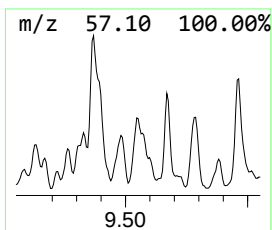
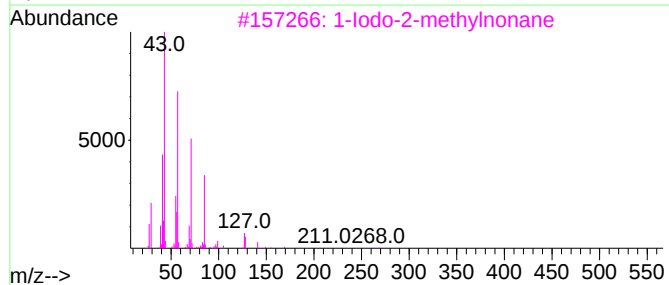
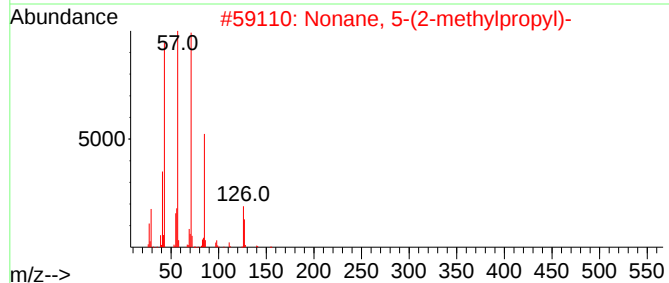
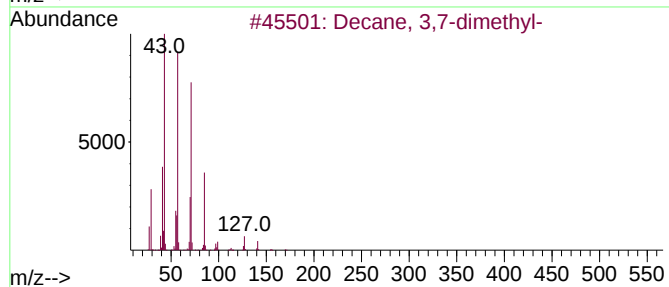
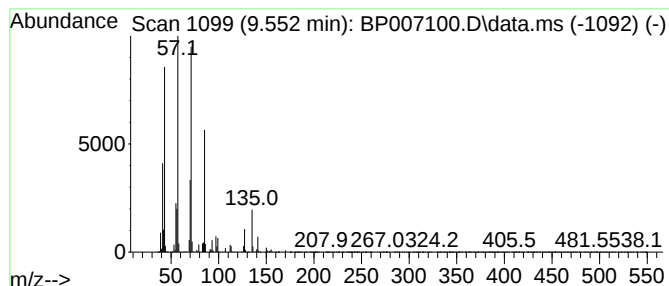
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 5-(2-methylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.552	3.80 ng	477198	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
3			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4			Heneicosane	296	C21H44	000629-94-7	59
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

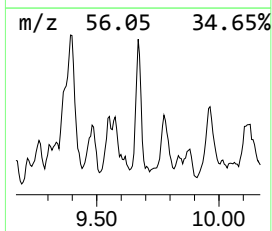
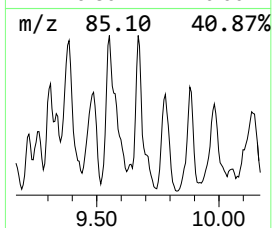
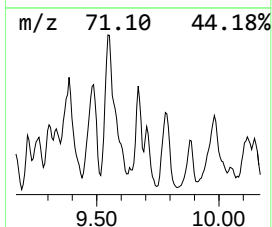
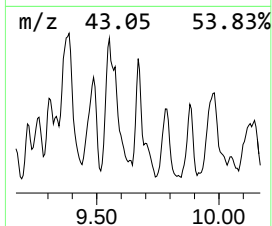
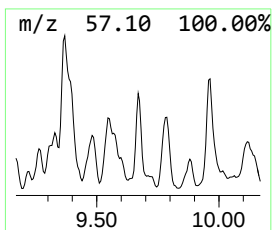
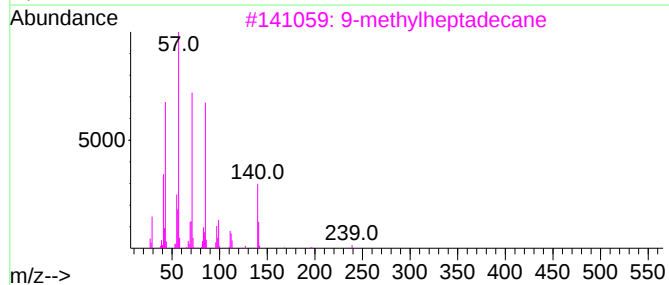
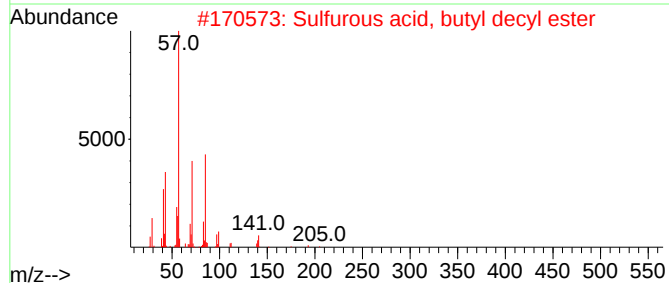
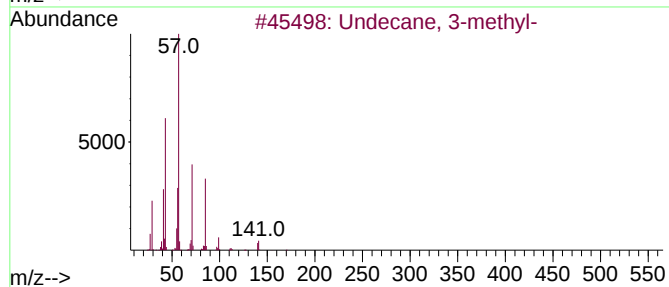
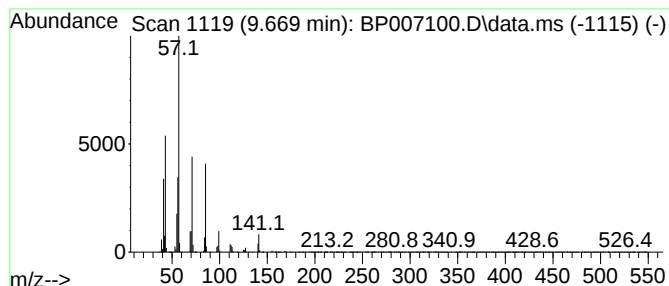
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	3.16 ng	397024	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	86
2			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	86
3			9-methylheptadecane	254	C18H38	026741-18-4	64
4			10-Methylnonadecane	282	C20H42	056862-62-5	64
5			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

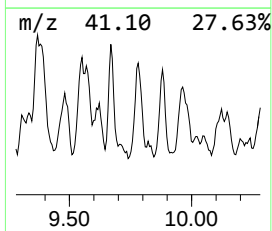
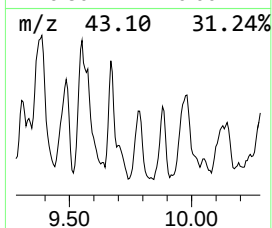
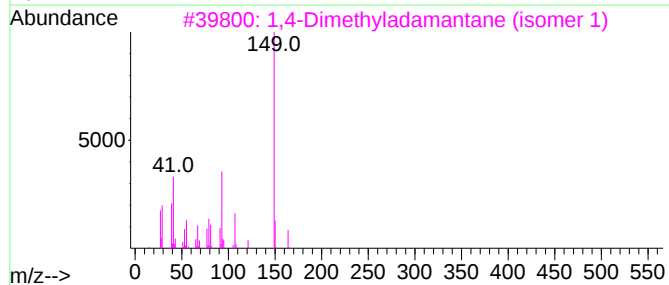
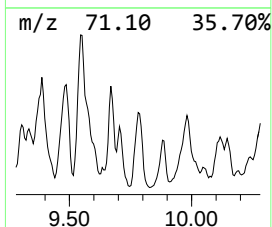
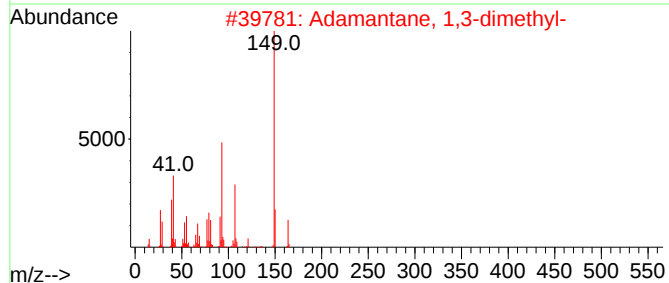
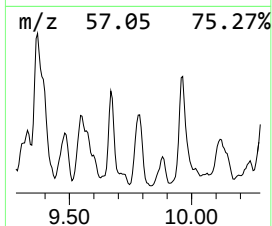
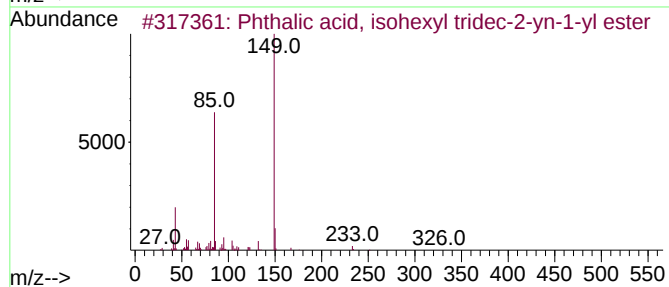
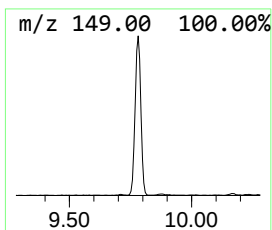
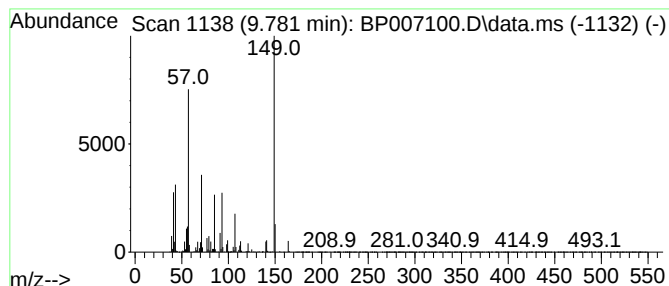
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.781 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	5.73 ng	719917	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, isohexyl tridec-2...	428	C27H40O4	1000315-44-4	35
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	30
3			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	22
4			Undecane	156	C11H24	001120-21-4	14
5			Tritetracontane	605	C43H88	007098-21-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

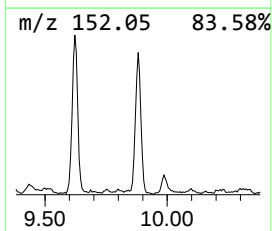
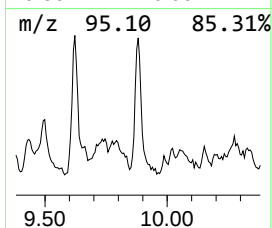
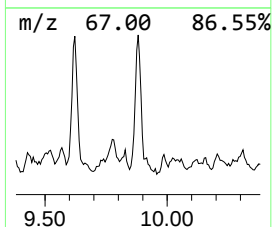
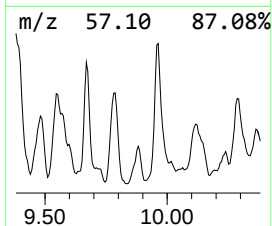
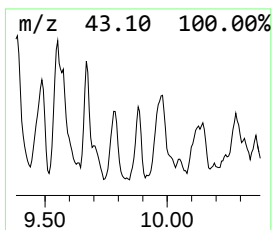
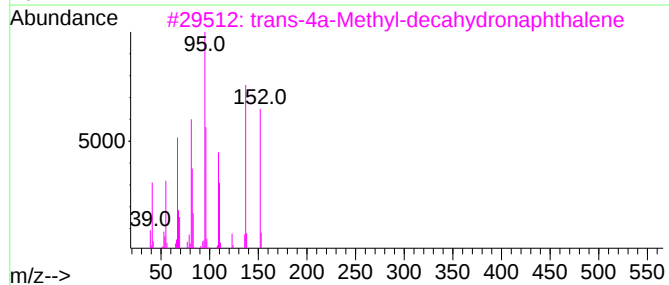
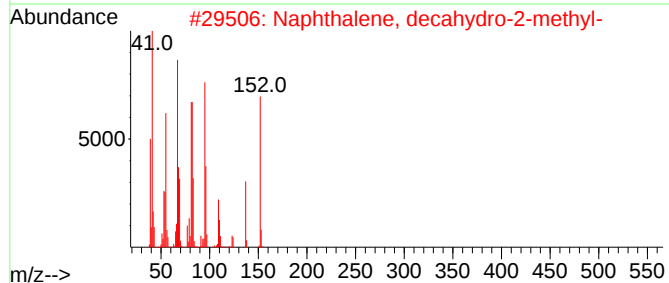
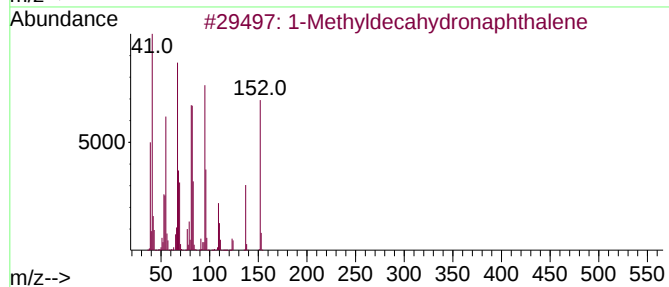
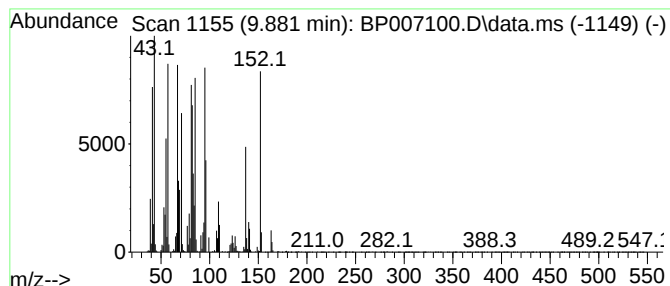
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.881	5.80 ng	727787	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
NAPL-AREA-01-(18-20)

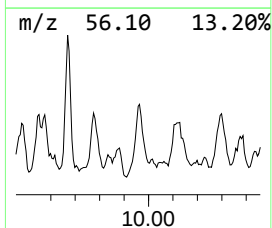
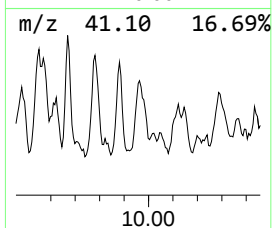
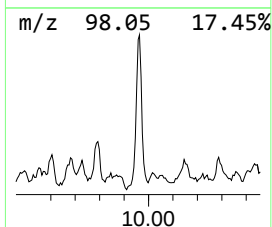
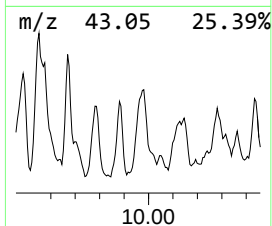
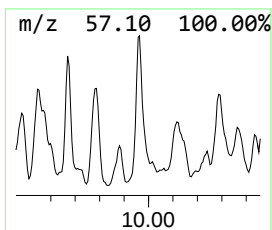
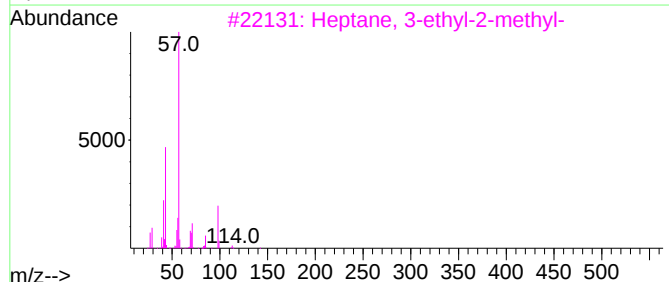
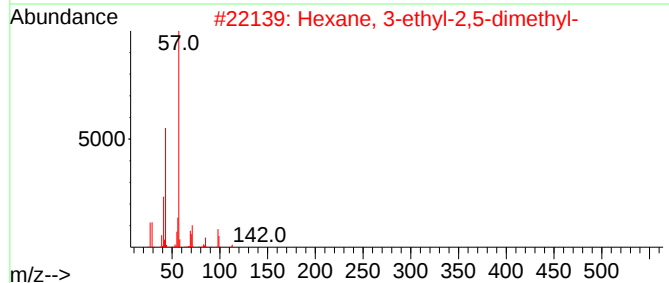
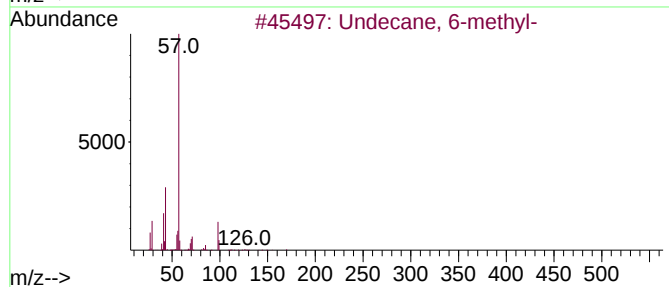
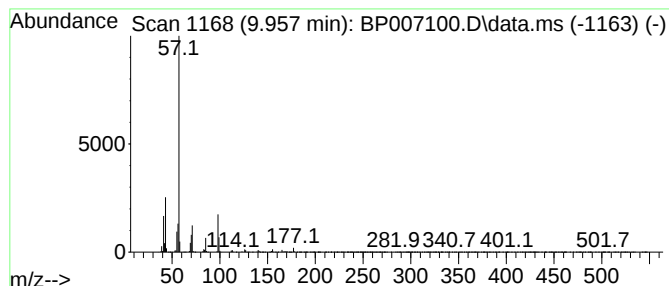
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Undecane, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	3.71 ng	465438	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-methyl-	170	C12H26	017302-33-9	87
2			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	72
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5			Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

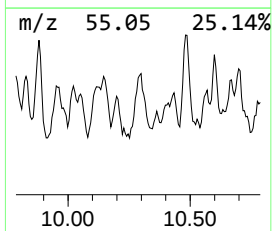
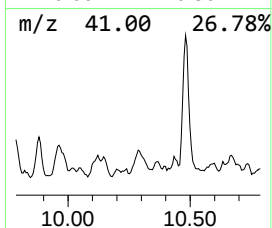
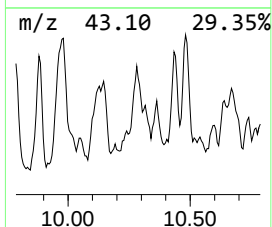
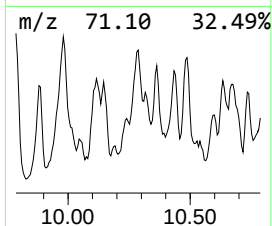
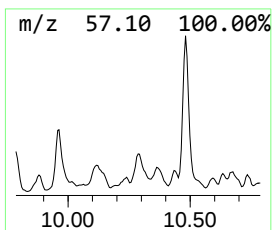
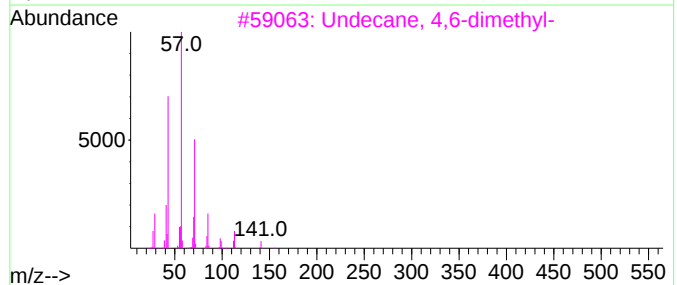
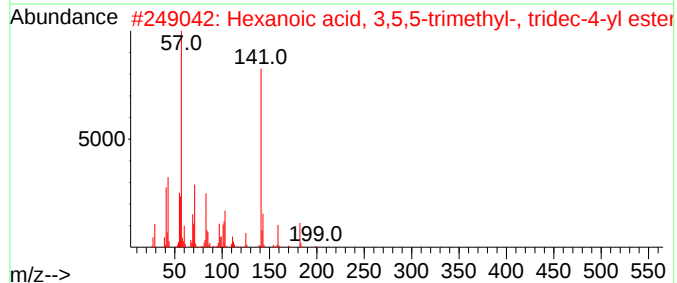
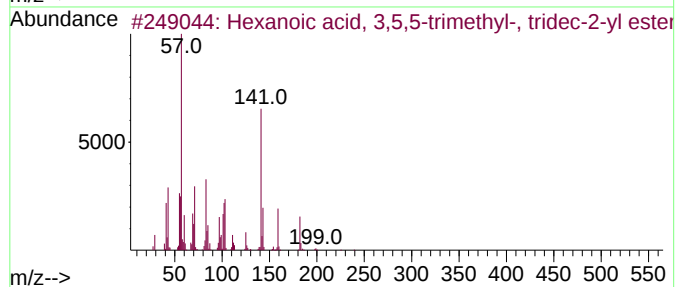
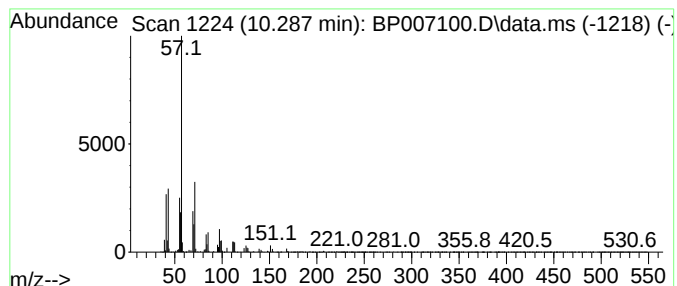
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ClientSampleId :
NAPL-AREA-01-(18-20)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexanoic acid, 3,5,5-trimet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.287	3.60 ng	451793	Naphthalene-d8	10.699	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-,...	340	C22H44O2	1000406-26-1	72
2	Hexanoic acid, 3,5,5-trimethyl-,...	340	C22H44O2	1000406-26-3	64
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4	Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	59
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

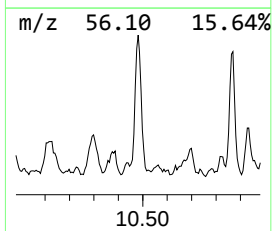
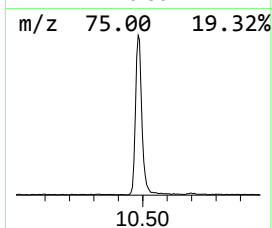
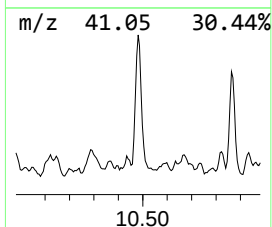
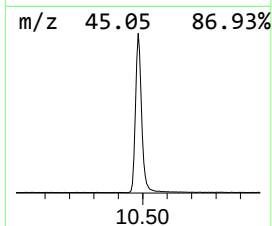
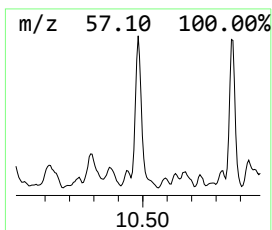
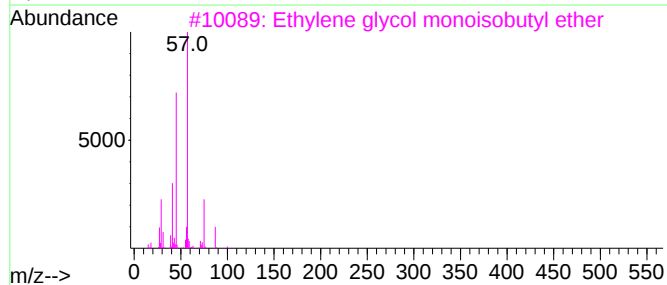
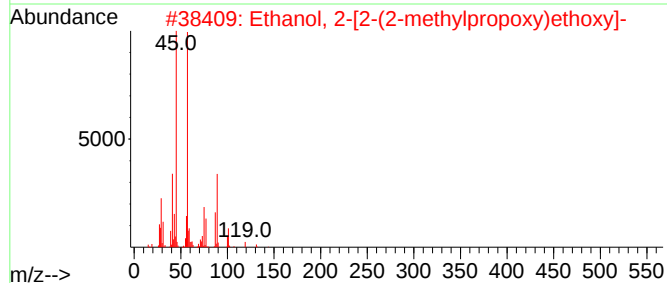
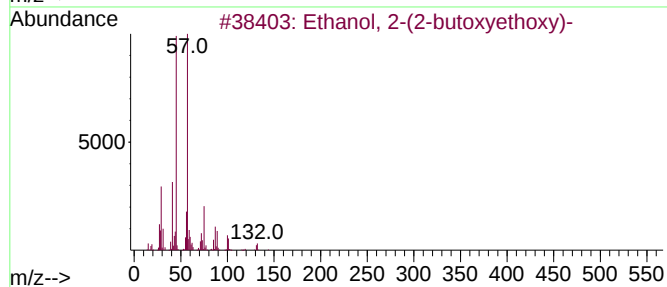
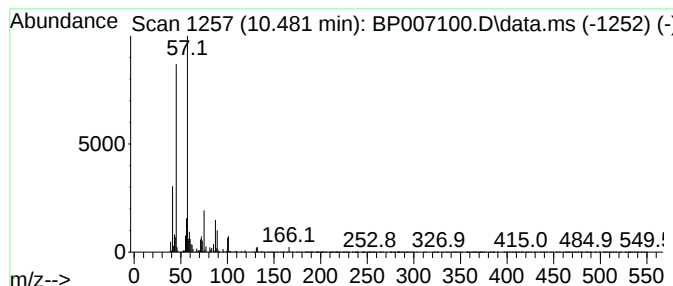
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ClientSampleId :
NAPL-AREA-01-(18-20)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.481	12.42 ng	1559860	Naphthalene-d8	10.699	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)ethoxy]-	162	C8H18O3	018912-80-6	72
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	53
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NAPL-AREA-01-(18-20)

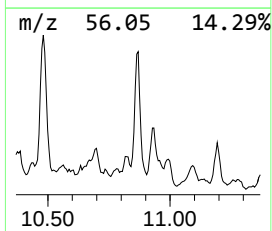
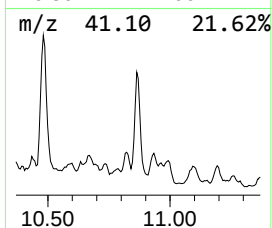
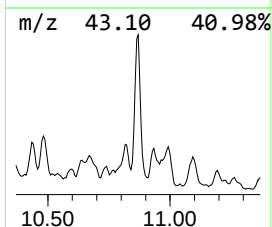
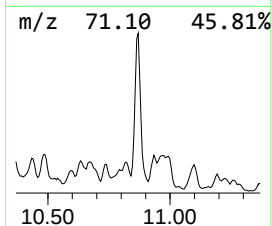
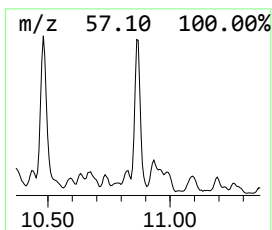
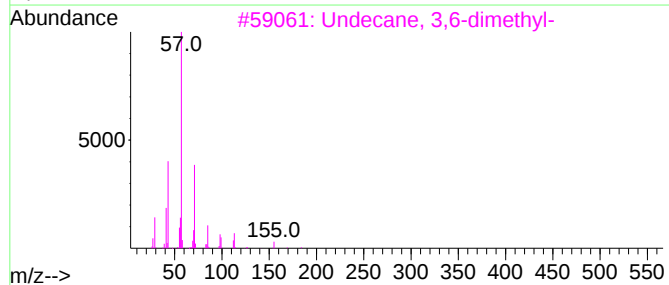
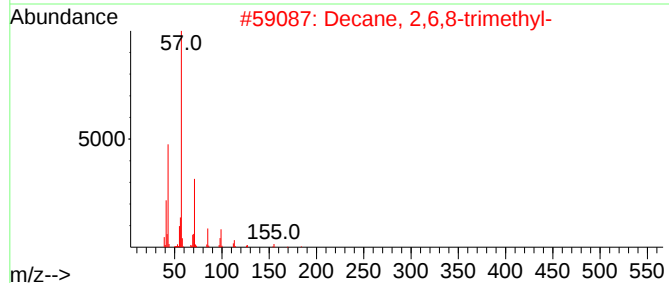
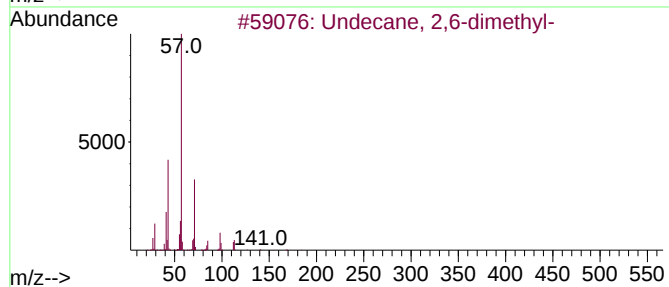
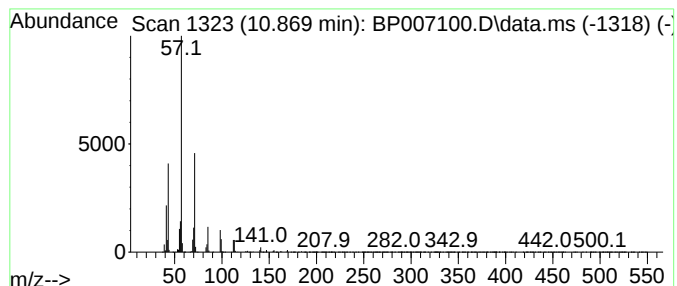
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	8.89 ng	1116630	Naphthalene-d8	10.699

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

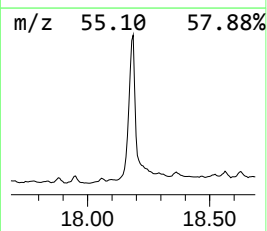
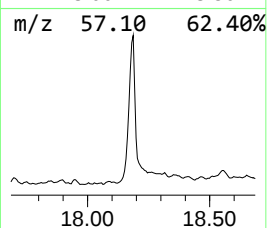
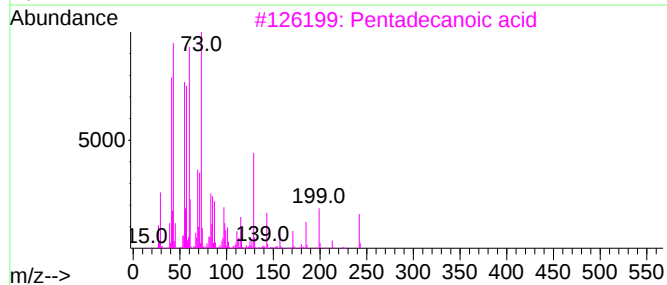
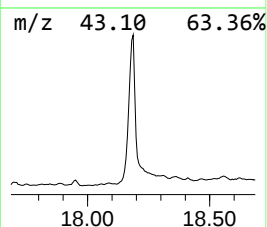
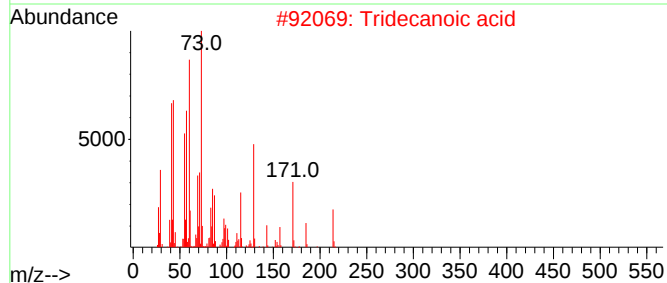
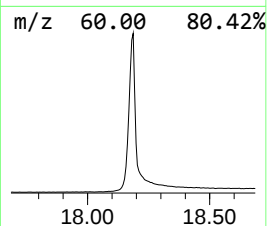
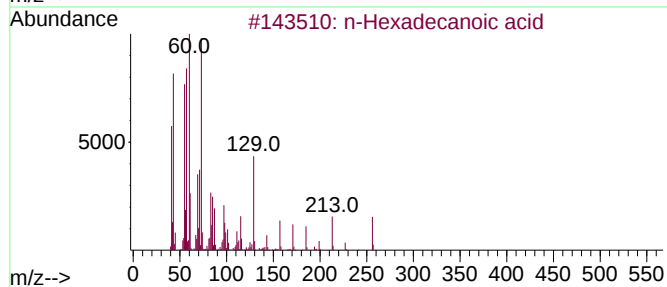
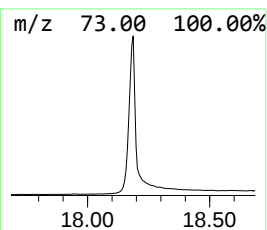
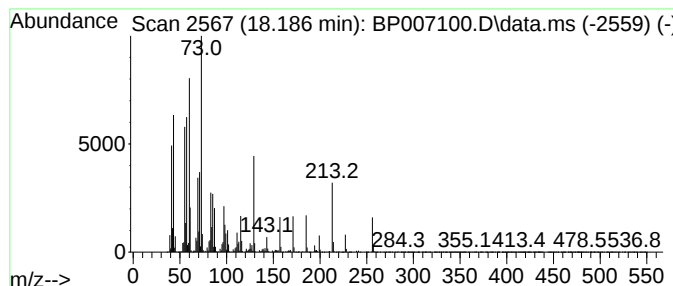
Instrument :
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ClientSampleId :
NAPL-AREA-01-(18-20)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.186	97.27 ng	15849300	Phenanthrene-d10		17.275	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Octadecanoic acid		284	C18H36O2	000057-11-4	87
5	Undecanoic acid		186	C11H22O2	000112-37-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NAPL-AREA-01-(18-20)

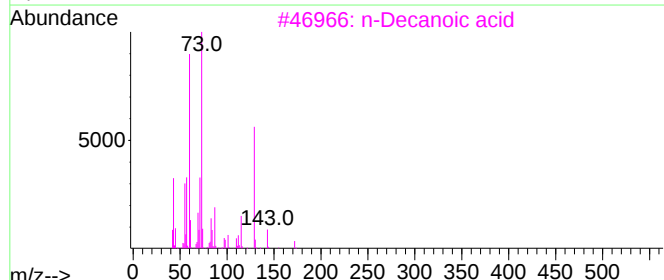
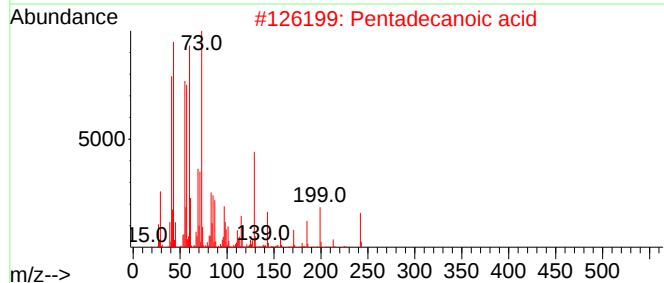
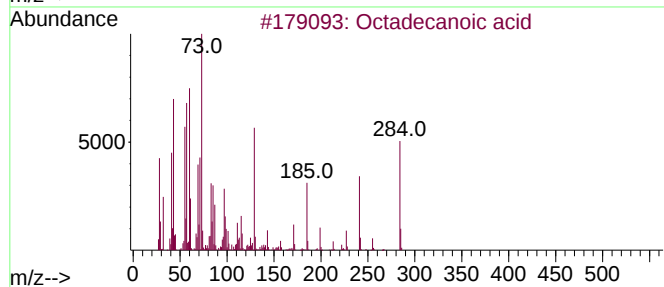
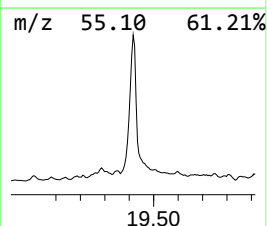
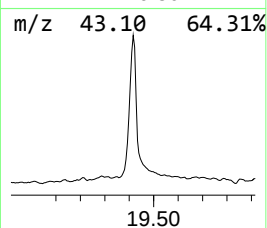
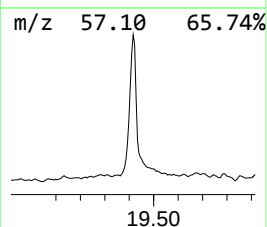
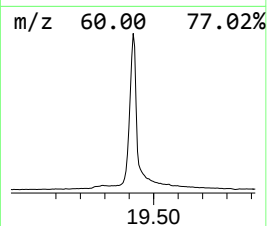
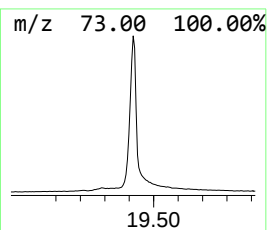
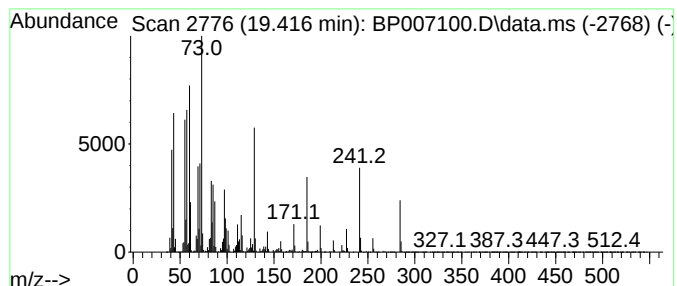
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	128.80 ng	23159200	Chrysene-d12	21.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			n-Decanoic acid	172	C10H20O2	000334-48-5	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

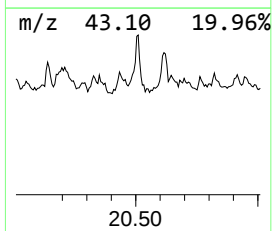
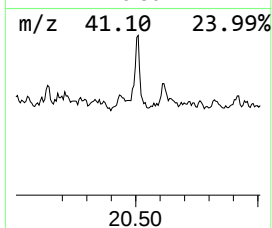
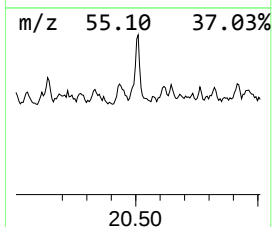
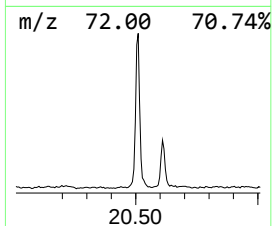
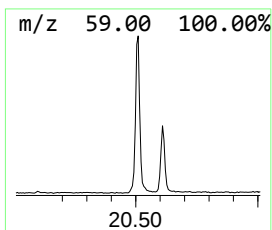
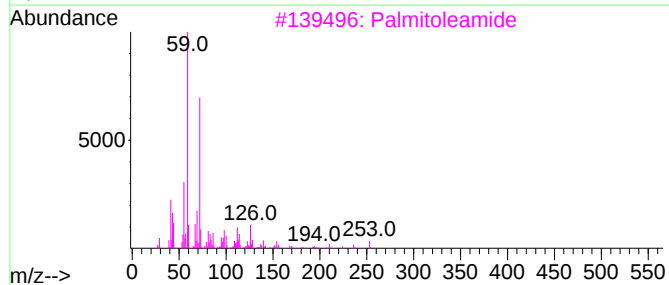
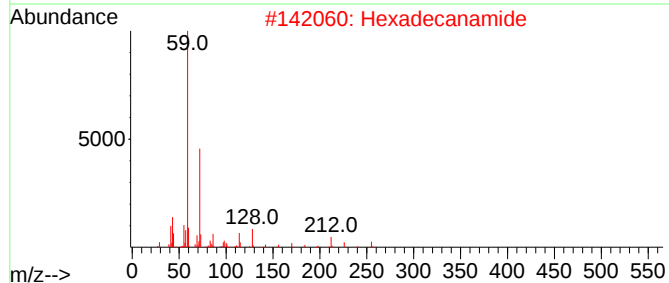
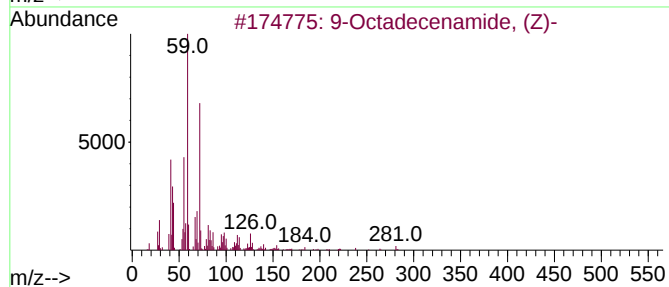
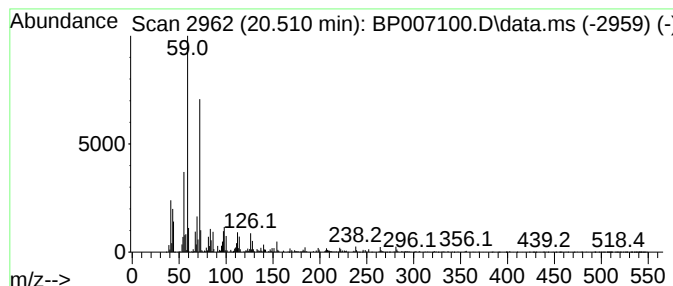
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.510	5.64 ng	1013480	Chrysene-d12	21.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Palmitoleamide	253	C16H31NO	106010-22-4	72
4	Dodecanamide	199	C12H25NO	001120-16-7	64
5	Nonanamide	157	C9H19NO	001120-07-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NAPL-AREA-01-(18-20)

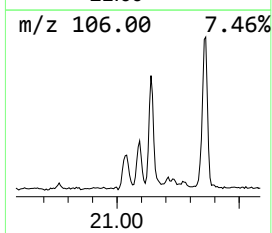
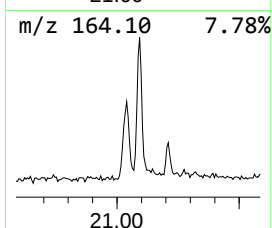
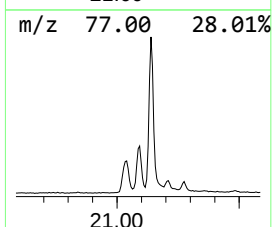
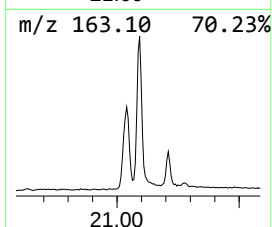
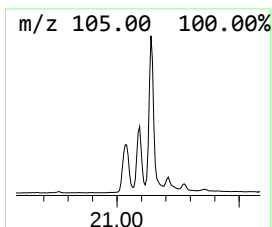
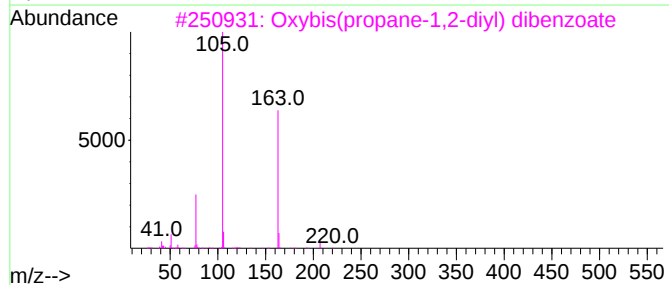
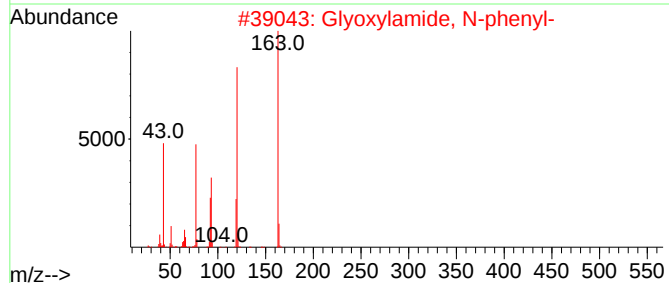
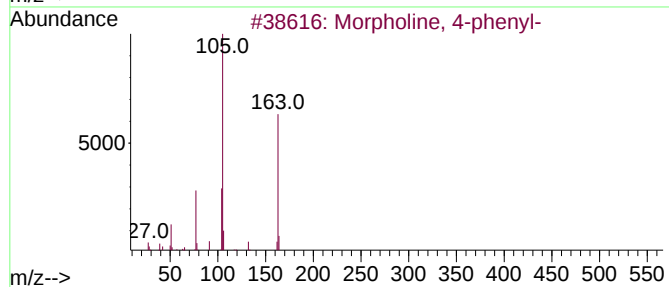
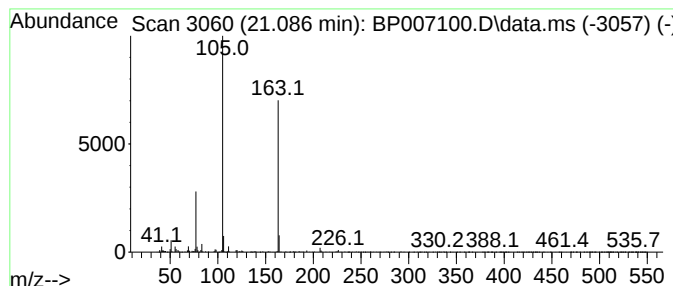
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Morpholine, 4-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	7.05 ng	1268270	Chrysene-d12	21.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
2			Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
3			Oxybis(propane-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	38
4			Benzoic acid, 2-benzyloxy-3-brom...	348	C17H17BrO3	1000191-33-3	33
5			Benzamide, 2'-(benzoylcarbonylam...	268	C15H12N2O3	129768-51-0	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

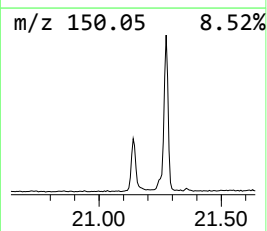
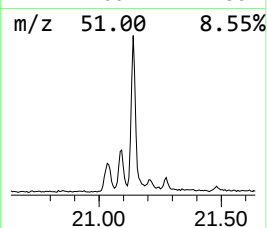
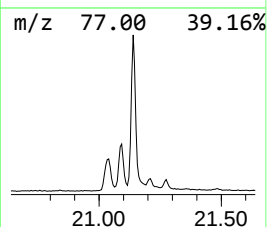
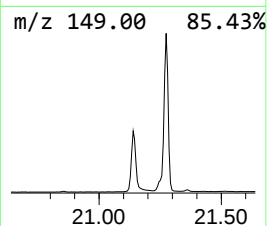
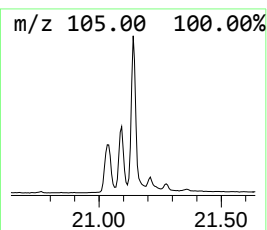
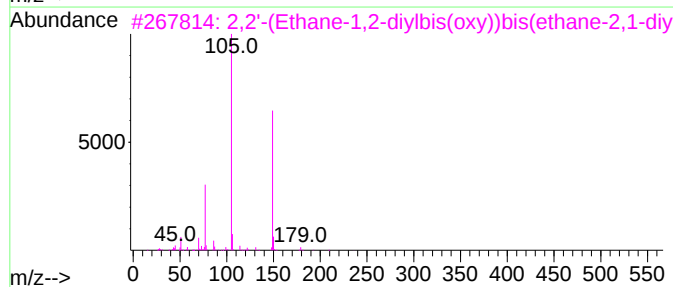
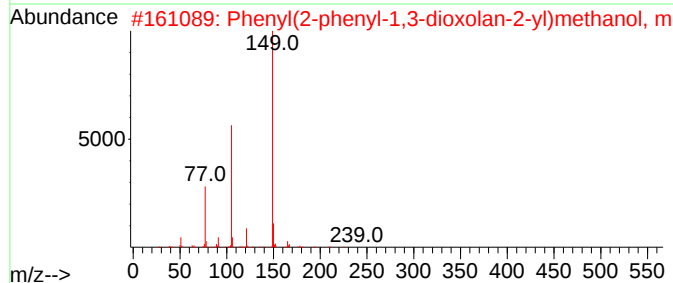
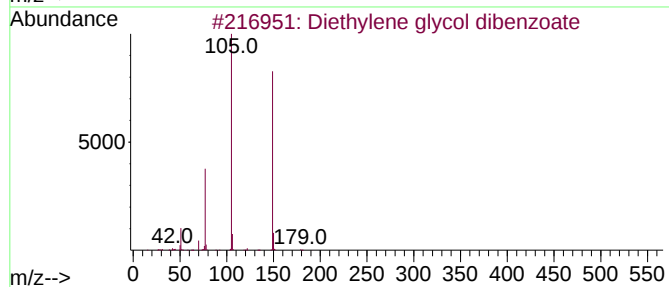
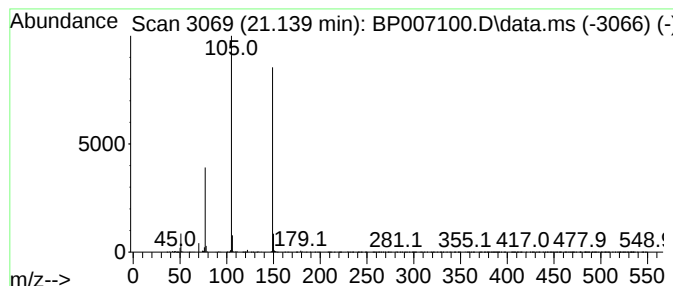
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Diethylene glycol dibenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	12.12 ng	2179100	Chrysene-d12	21.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2			Phenyl(2-phenyl-1,3-dioxolan-2-y...	270	C17H18O3	1000507-07-6	78
3			2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
4			2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
5			Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007100.D
Acq On : 22 Sep 2021 16:19
Operator : CG/JU
Sample : M3733-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-01-(18-20)

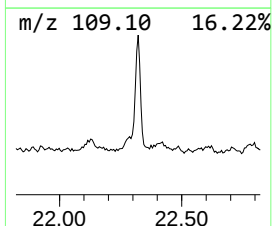
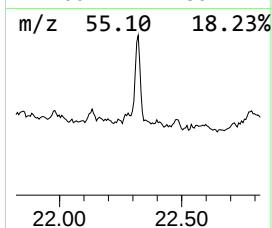
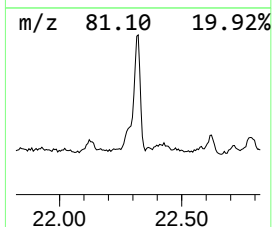
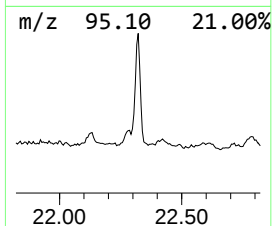
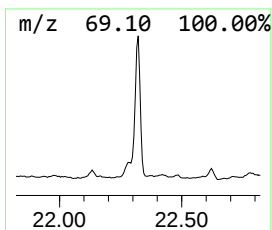
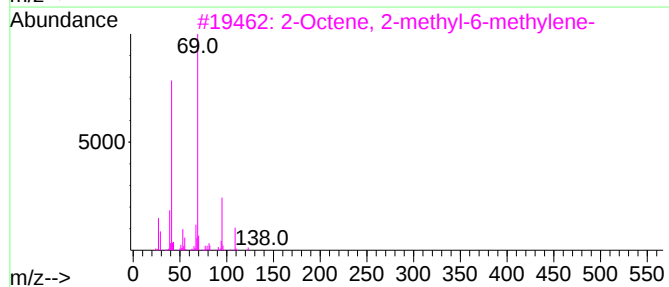
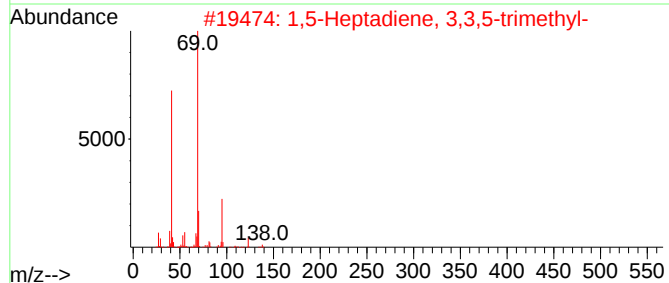
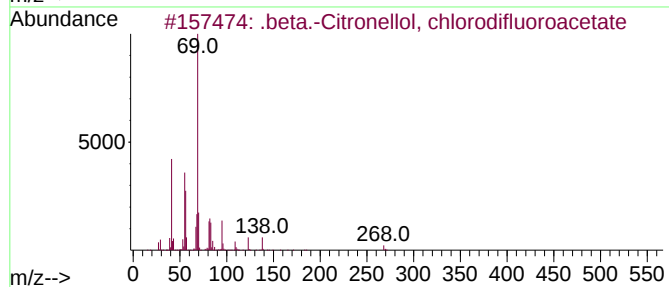
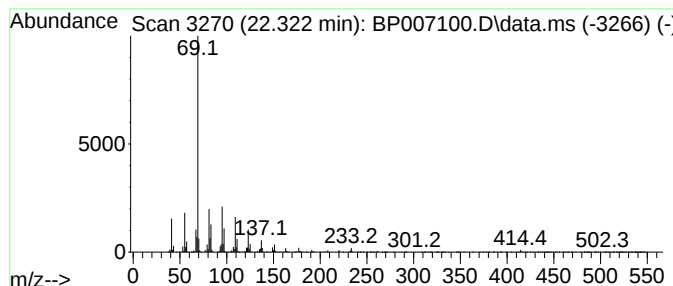
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .beta.-Citronellol, chlorod... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.322	12.34 ng	2219270	Chrysene-d12	21.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	53
2		1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	53
3		2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	53
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50
5		3,4-Dichlorophenol, trifluoroace...	258	C8H3Cl2F3O2	959227-64-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007100.D
 Acq On : 22 Sep 2021 16:19
 Operator : CG/JU
 Sample : M3733-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NAPL-AREA-01-(18-20)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptadecane, 2,...	7.975	3.6	ng	288703	1	7.899	1614610	20.0
Nonane, 3,7-dim...	8.093	4.1	ng	331960	1	7.899	1614610	20.0
unknown8.781	8.781	3.5	ng	278538	1	7.899	1614610	20.0
unknown9.263	9.263	4.8	ng	384900	1	7.899	1614610	20.0
Decane, 2,5-dim...	9.369	7.2	ng	907967	2	10.699	2511140	20.0
Decane, 3,7-dim...	9.487	3.5	ng	440725	2	10.699	2511140	20.0
Nonane, 5-(2-me...	9.552	3.8	ng	477198	2	10.699	2511140	20.0
Undecane, 3-met...	9.669	3.2	ng	397024	2	10.699	2511140	20.0
unknown9.781	9.781	5.7	ng	719917	2	10.699	2511140	20.0
1-Methyldecahyd...	9.881	5.8	ng	727787	2	10.699	2511140	20.0
Undecane, 6-met...	9.957	3.7	ng	465438	2	10.699	2511140	20.0
Hexanoic acid, ...	10.287	3.6	ng	451793	2	10.699	2511140	20.0
Ethanol, 2-(2-b...	10.481	12.4	ng	1559860	2	10.699	2511140	20.0
Undecane, 2,6-d...	10.869	8.9	ng	1116630	2	10.699	2511140	20.0
n-Hexadecanoic ...	18.186	97.3	ng	15849300	4	17.275	3258670	20.0
Octadecanoic acid	19.416	128.8	ng	23159200	5	21.363	3596230	20.0
9-Octadecenamid...	20.510	5.6	ng	1013480	5	21.363	3596230	20.0
Morpholine, 4-p...	21.086	7.0	ng	1268270	5	21.363	3596230	20.0
Diethylene glyc...	21.139	12.1	ng	2179100	5	21.363	3596230	20.0
.beta.-Citronel...	22.322	12.3	ng	2219270	5	21.363	3596230	20.0