

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
 Data File : BM033672.D
 Acq On : 07 Jan 2022 17:08
 Operator : CG/JU
 Sample : N1051-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2-(9-9.5)

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_M\Methods\8270-BM010522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.049	302	308	315	rBV2	59135	90431	1.01%	0.141%
2	5.525	382	389	396	rBV	2913984	4223577	47.31%	6.608%
3	7.137	655	663	673	rBV	2716993	4385509	49.12%	6.861%
4	7.978	799	806	814	rVB	774997	1191749	13.35%	1.864%
5	9.142	996	1004	1011	rVB	1796718	2920479	32.71%	4.569%
6	9.984	1142	1147	1155	rVB6	48990	89982	1.01%	0.141%
7	10.572	1239	1247	1254	rBV	184284	336371	3.77%	0.526%
8	10.795	1277	1285	1292	rBV	956855	1679553	18.81%	2.628%
9	10.972	1311	1315	1320	rVB	143952	205335	2.30%	0.321%
10	11.307	1367	1372	1377	rBV2	59258	97272	1.09%	0.152%
11	11.513	1403	1407	1414	rVB6	62165	110038	1.23%	0.172%
12	11.578	1415	1418	1425	rVB3	55429	100187	1.12%	0.157%
13	11.648	1425	1430	1436	rBV3	62915	120259	1.35%	0.188%
14	11.842	1457	1463	1467	rBV	239012	414232	4.64%	0.648%
15	12.095	1502	1506	1511	rBV4	65936	107125	1.20%	0.168%
16	12.231	1524	1529	1538	rBV8	54021	163833	1.84%	0.256%
17	13.178	1686	1690	1695	rVB2	392485	540842	6.06%	0.846%
18	13.248	1695	1702	1708	rBV	4350178	6383539	71.50%	9.987%
19	13.425	1727	1732	1735	rBV3	179615	325977	3.65%	0.510%
20	13.554	1751	1754	1762	rVB3	101121	196968	2.21%	0.308%
21	14.054	1835	1839	1843	rBV2	215354	278271	3.12%	0.435%
22	14.113	1845	1849	1853	rVB	413579	530212	5.94%	0.829%
23	14.283	1874	1878	1882	rVB5	112008	160833	1.80%	0.252%
24	14.325	1882	1885	1889	rBV4	83018	159317	1.78%	0.249%
25	14.460	1905	1908	1914	rVB6	287707	450573	5.05%	0.705%
26	14.524	1915	1919	1924	rBV4	242308	381141	4.27%	0.596%
27	14.619	1927	1935	1947	rVB	1472228	2686526	30.09%	4.203%
28	15.148	2021	2025	2033	rBV4	204305	444823	4.98%	0.696%
29	15.419	2067	2071	2077	rVB3	182188	328520	3.68%	0.514%
30	15.471	2077	2080	2083	rVB	172578	174431	1.95%	0.273%
31	15.877	2145	2149	2155	rVB	465869	680207	7.62%	1.064%
32	16.095	2181	2186	2193	rVB	3499739	4954851	55.50%	7.752%
33	16.330	2223	2226	2227	rBV	295533	300669	3.37%	0.470%
34	16.360	2227	2231	2240	rVB	776245	1288554	14.43%	2.016%
35	17.118	2358	2360	2364	rVB	162288	173676	1.95%	0.272%
36	17.177	2366	2370	2381	rVB	515687	886947	9.93%	1.388%

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37	17.354	2395	2400	2405	rBV	1683995	2372800	26.58%	3.712%
38	17.860	2484	2486	2491	rVB2	180608	194822	2.18%	0.305%
39	18.254	2548	2553	2560	rVB2	970878	1445167	16.19%	2.261%
40	18.512	2594	2597	2601	rBV	338817	463072	5.19%	0.724%
41	18.560	2601	2605	2613	rVB2	672627	993622	11.13%	1.554%
42	19.183	2708	2711	2717	rVB3	113915	172787	1.94%	0.270%
43	19.518	2764	2768	2784	rVB	581700	950301	10.64%	1.487%
44	19.965	2839	2844	2849	rVB	7100920	8927978	100.00%	13.967%
45	20.077	2855	2863	2874	rVB2	516490	1529820	17.14%	2.393%
46	21.106	3033	3038	3047	rVB	617697	1332632	14.93%	2.085%
47	21.230	3055	3059	3065	rBV2	631675	816970	9.15%	1.278%
48	21.518	3103	3108	3113	rBV	1823554	2421194	27.12%	3.788%
49	21.959	3178	3183	3191	rVB	538827	1373051	15.38%	2.148%
50	22.912	3341	3345	3358	rVB	517162	1213081	13.59%	1.898%
51	23.947	3514	3521	3527	rBV2	1033200	2149947	24.08%	3.363%

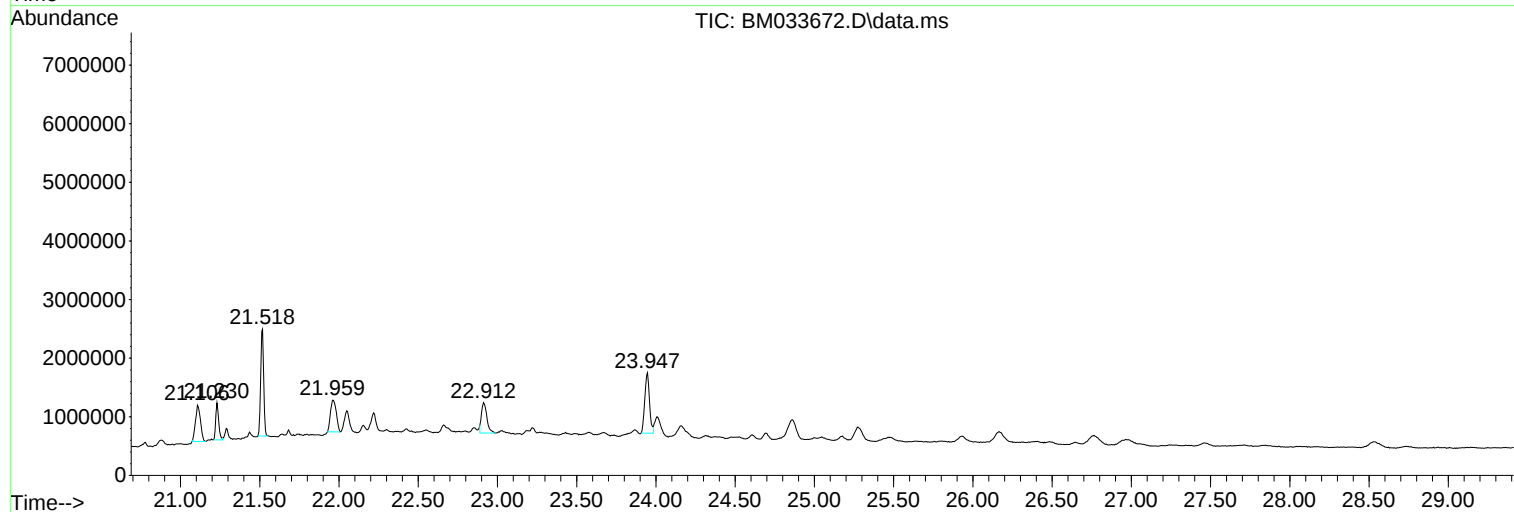
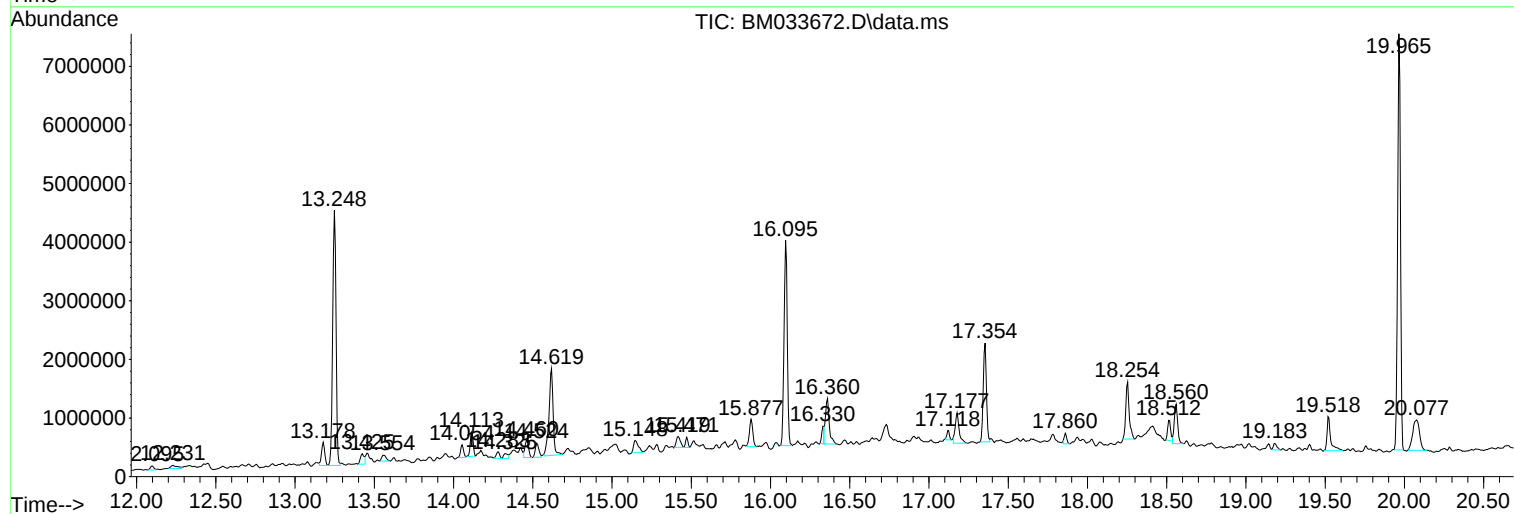
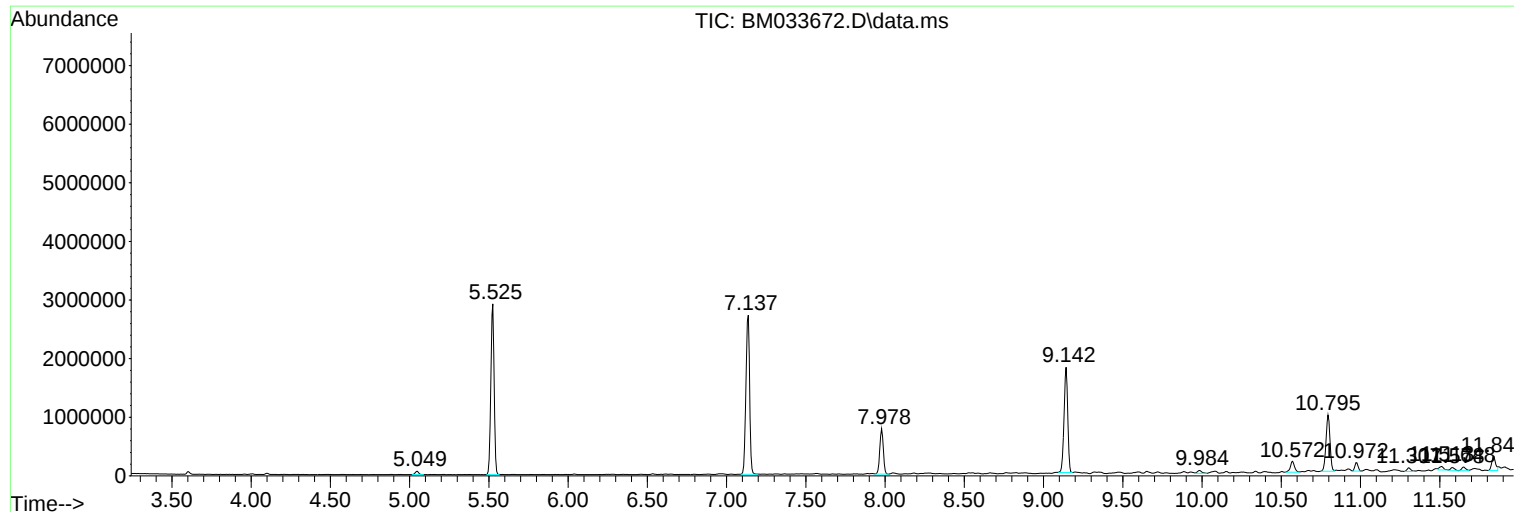
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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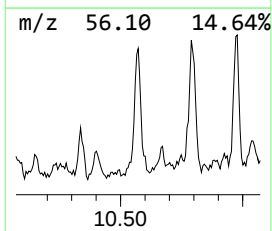
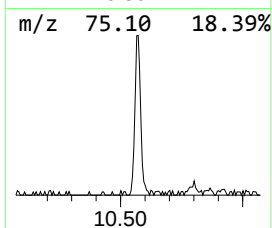
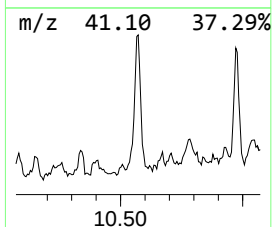
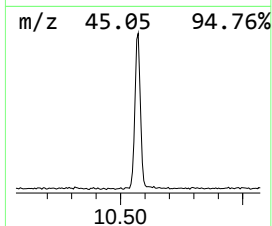
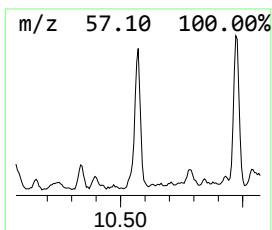
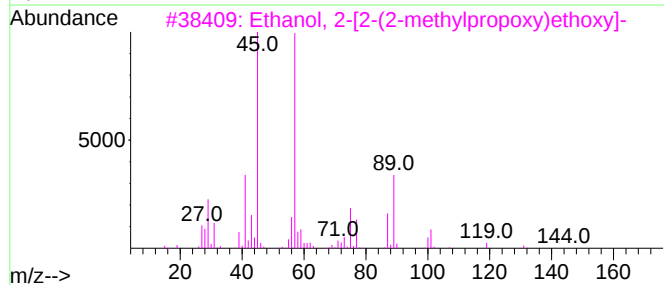
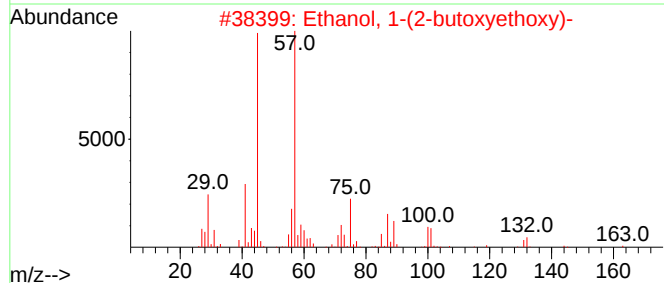
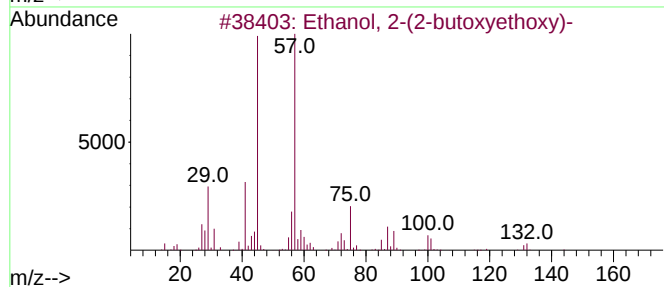
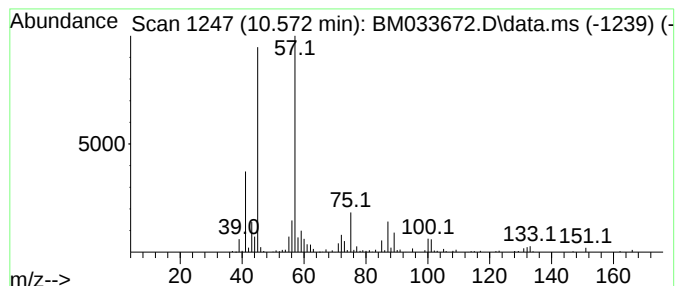
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.572	4.01 ng	336371	Naphthalene-d8	10.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50



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Instrument :
BNA_M
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SB-2-(9-9.5)

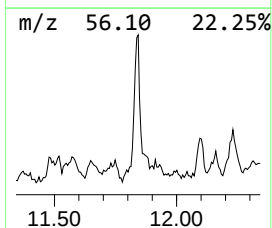
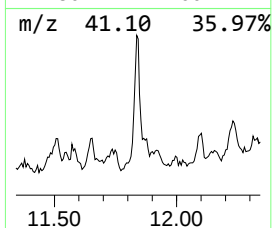
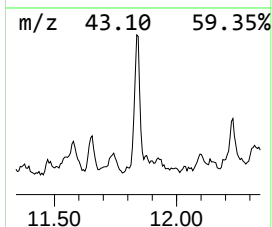
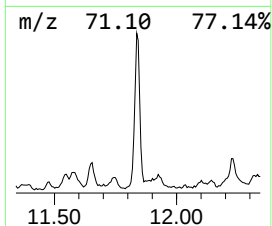
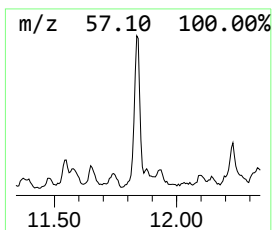
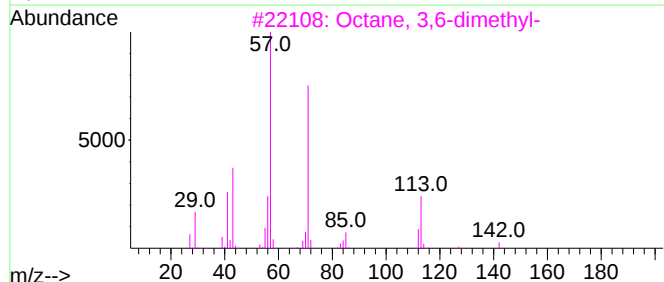
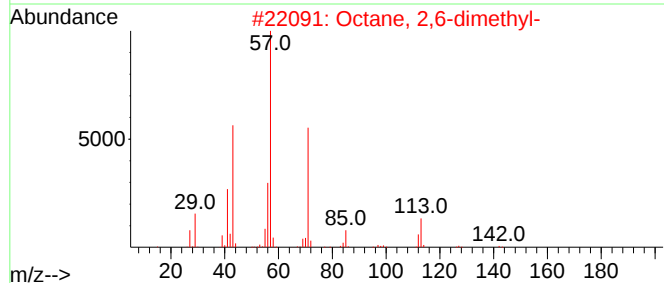
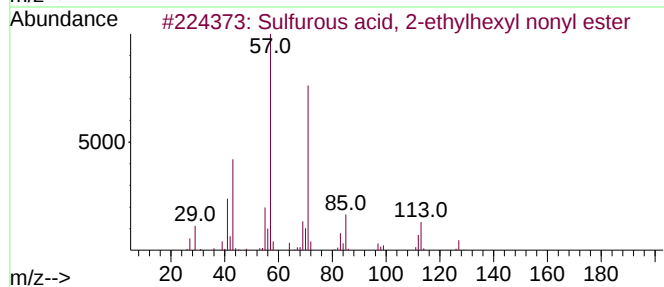
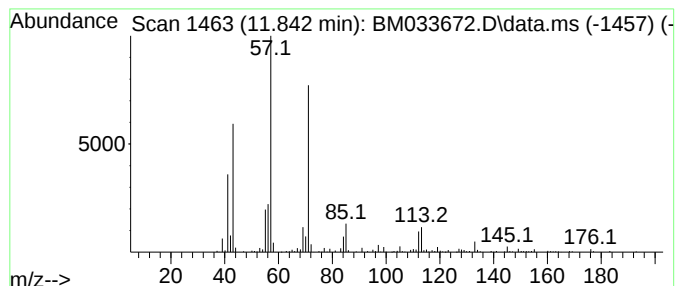
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.842	4.93 ng	414232	Naphthalene-d8	10.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



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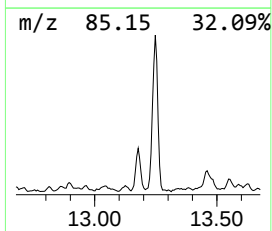
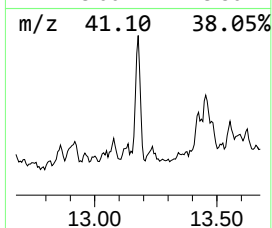
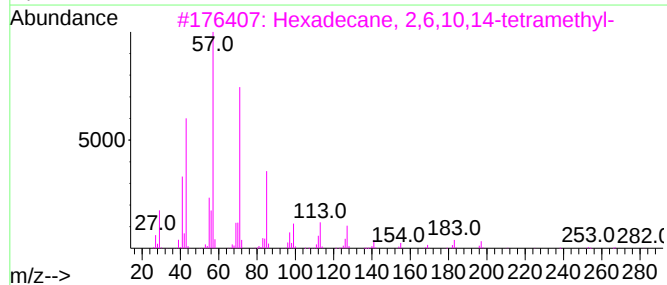
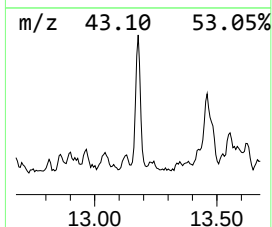
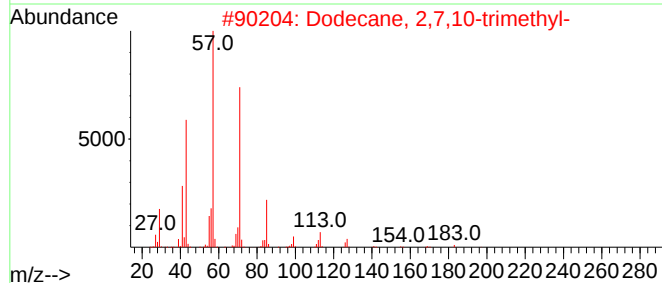
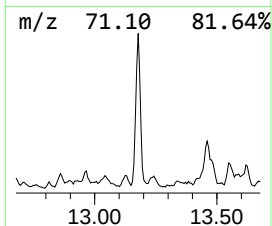
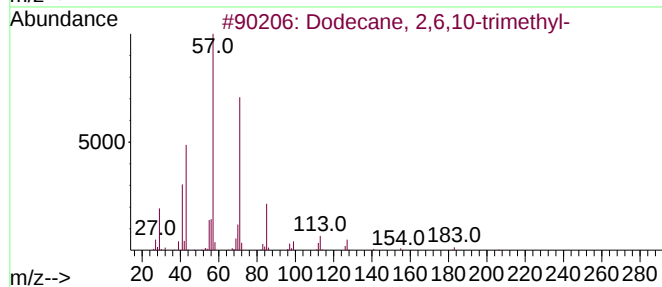
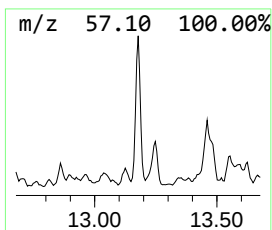
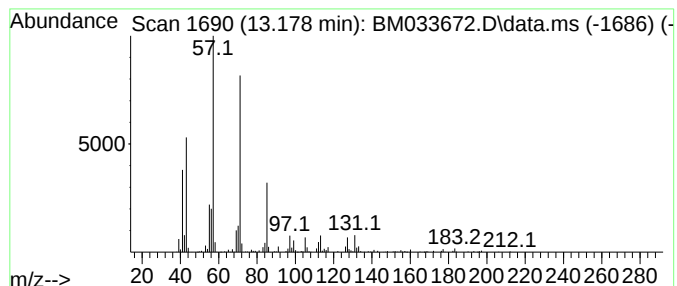
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.178	4.03 ng	540842	Acenaphthene-d10	14.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58



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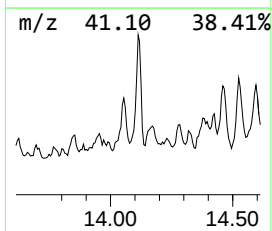
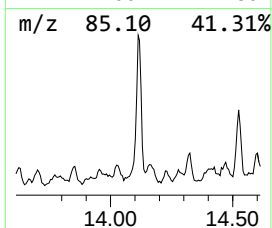
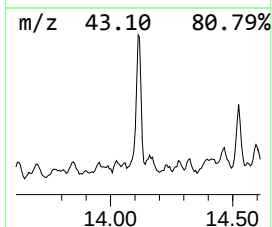
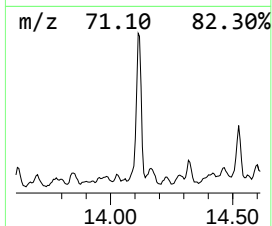
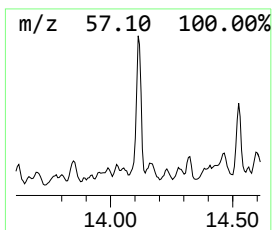
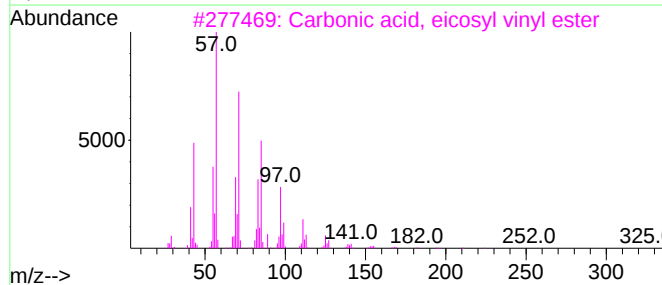
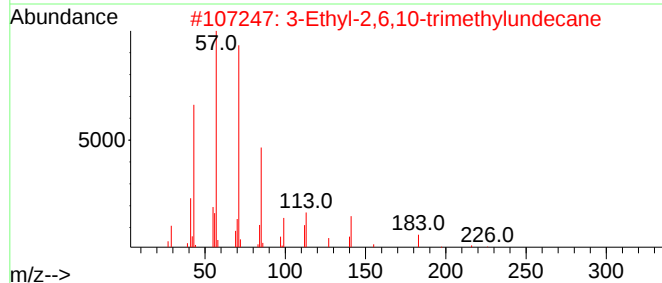
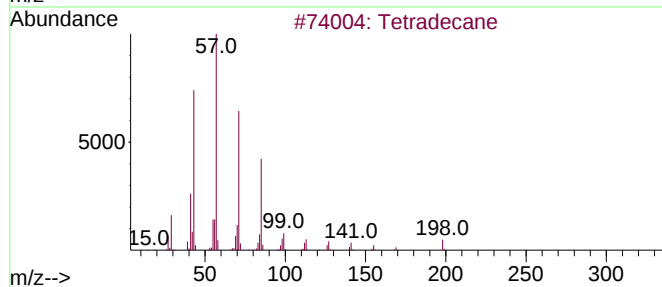
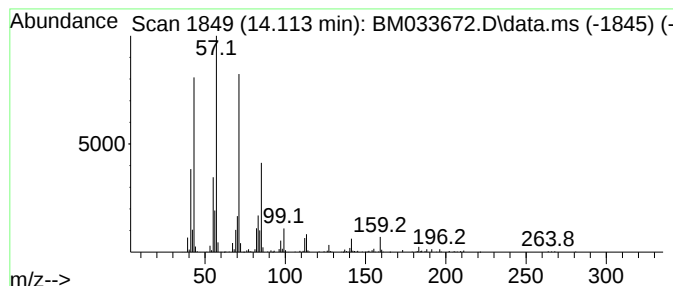
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.113	3.95 ng	530212	Acenaphthene-d10	14.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86



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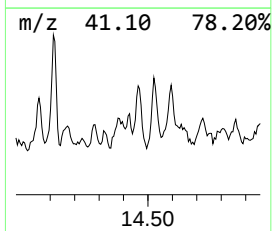
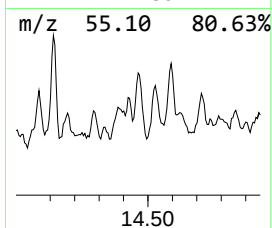
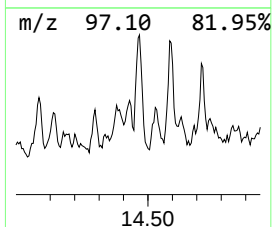
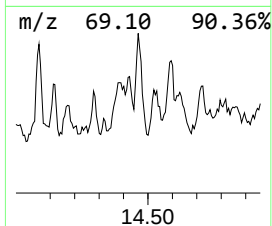
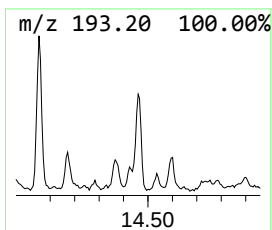
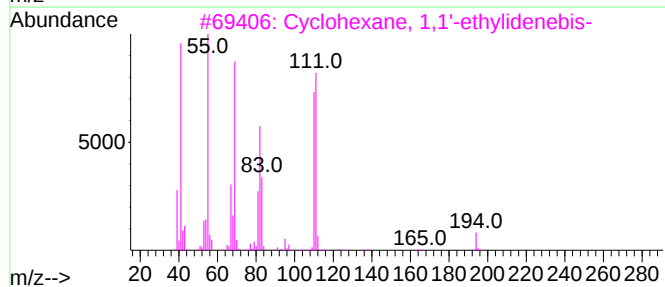
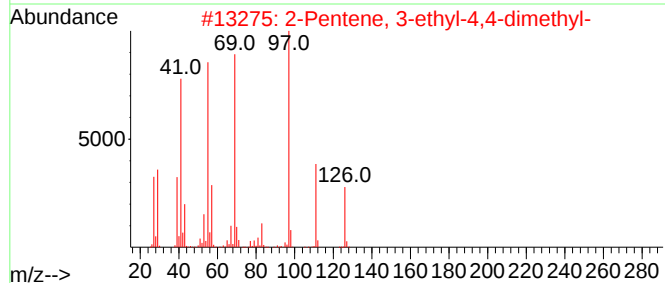
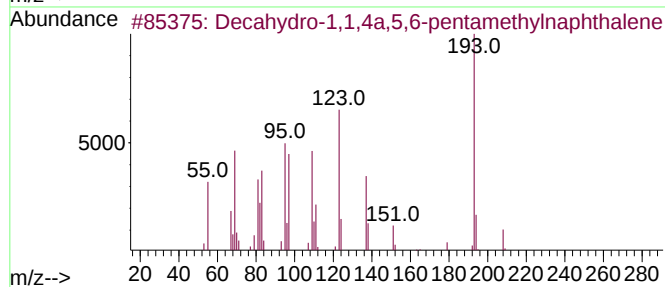
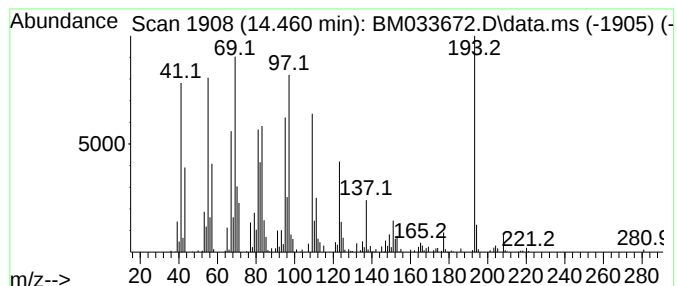
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ClientSampleId :
SB-2-(9-9.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown14.460 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.460	3.35 ng	450573	Acenaphthene-d10	14.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	30
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3	Cyclohexane, 1,1'-ethylidenebis-	194	C14H26	002319-61-1	25
4	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	25
5	1-Hexylbicyclo[2.2.2]octane	194	C14H26	1000435-94-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
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Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

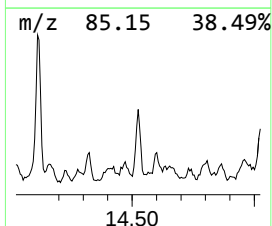
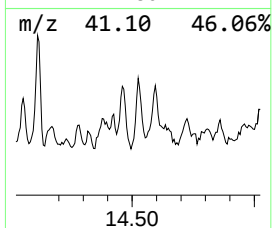
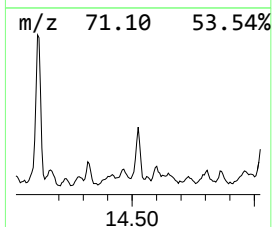
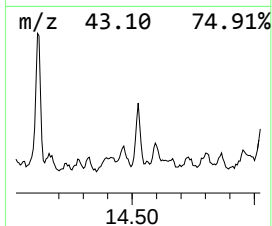
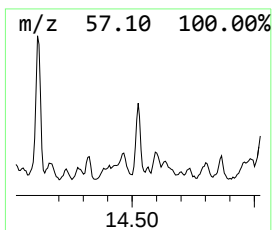
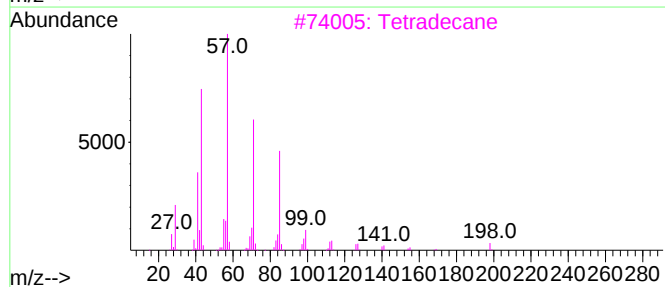
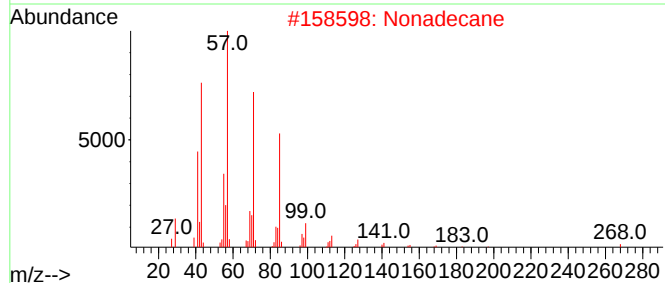
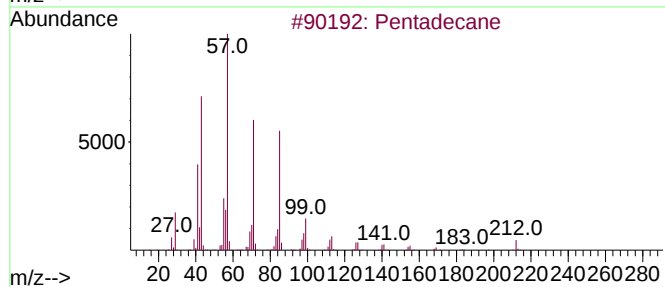
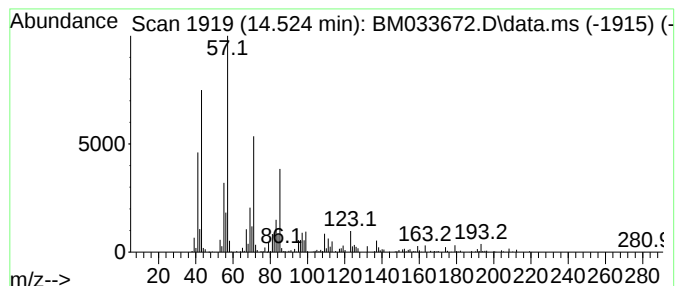
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ClientSampleId :
SB-2-(9-9.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.525	2.84 ng	381141	Acenaphthene-d10		14.619	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Nonadecane		268	C19H40	000629-92-5	74
3	Tetradecane		198	C14H30	000629-59-4	72
4	Tridecane		184	C13H28	000629-50-5	72
5	Heptadecane		240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-(9-9.5)

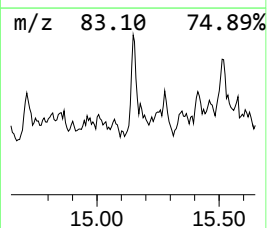
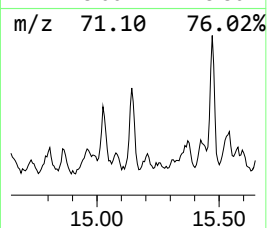
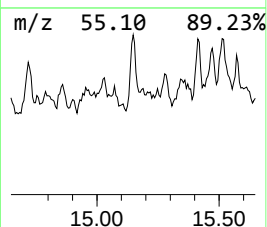
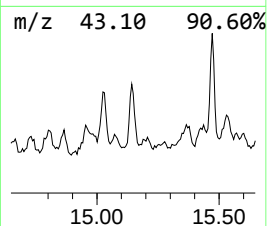
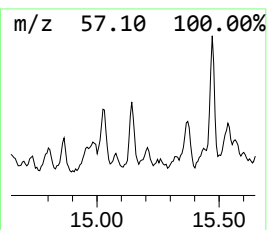
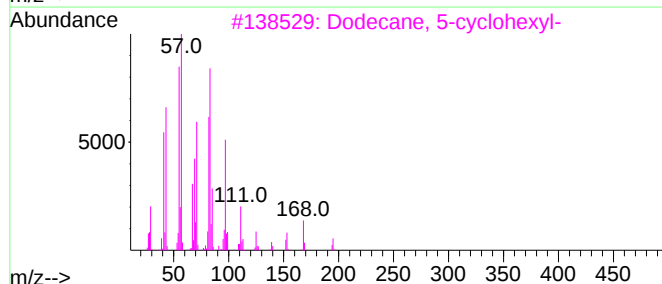
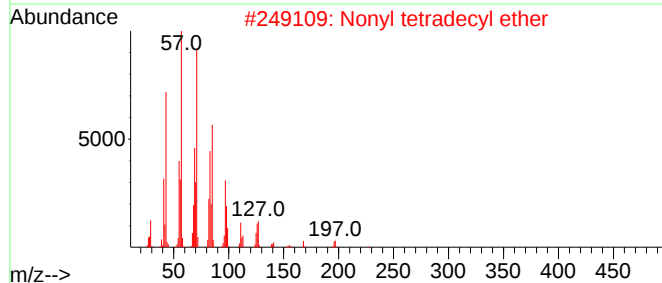
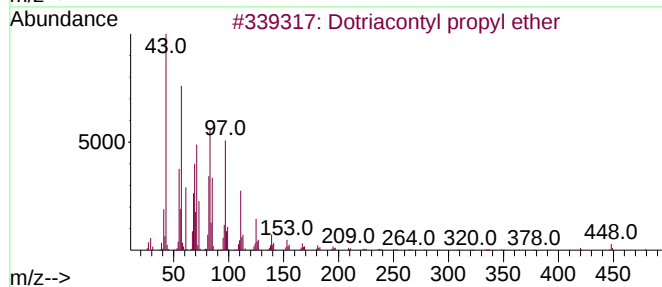
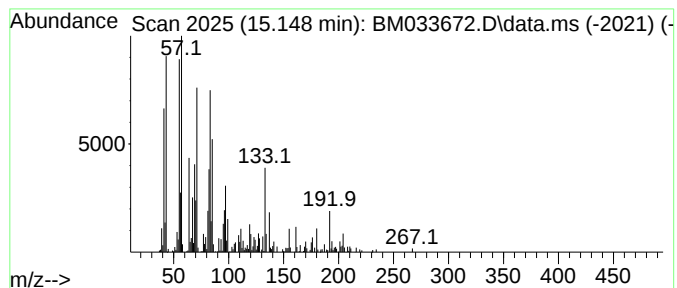
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown15.148 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.148	3.31 ng	444823	Acenaphthene-d10	14.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dotriacontyl propyl ether	509	C35H72O	1000406-28-7	38
2			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	25
3			Dodecane, 5-cyclohexyl-	252	C18H36	013151-85-4	25
4			Hexadecyl nonyl ether	368	C25H52O	1000406-37-7	22
5			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

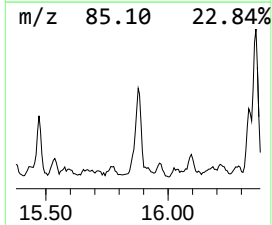
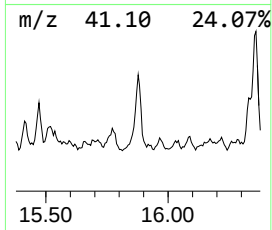
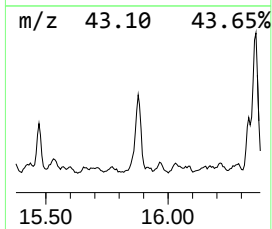
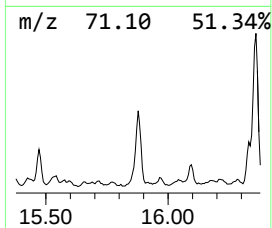
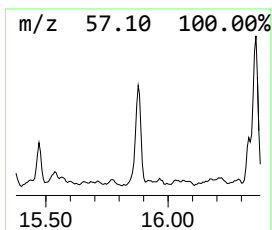
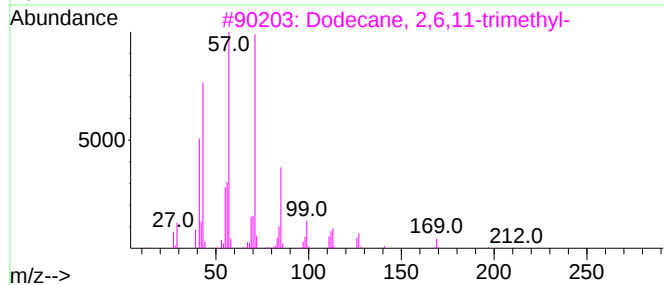
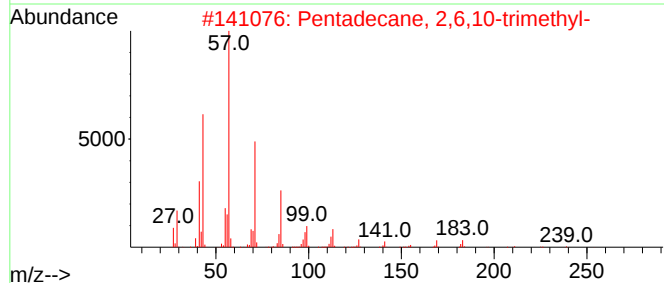
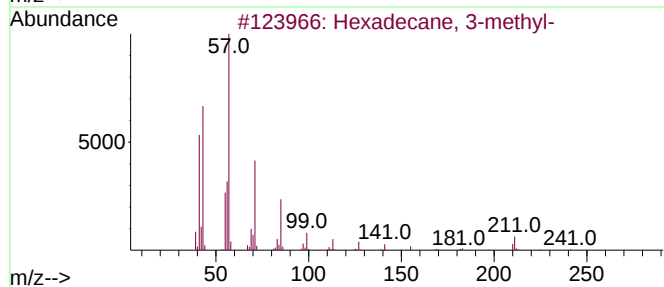
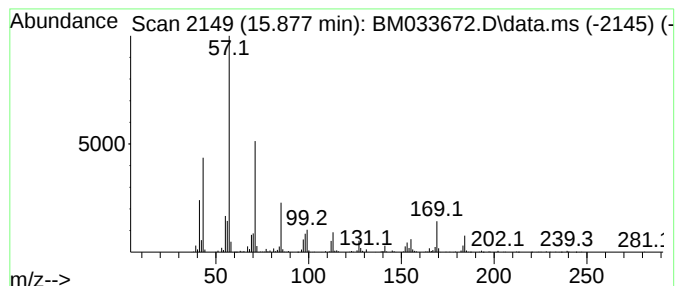
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ClientSampleId :
SB-2-(9-9.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.877	5.06 ng	680207	Acenaphthene-d10	14.619	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	74
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	62
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
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Sample : N1051-02
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ALS Vial : 7 Sample Multiplier: 1

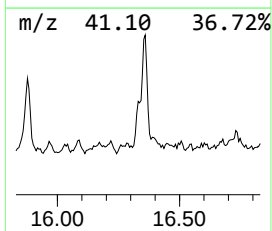
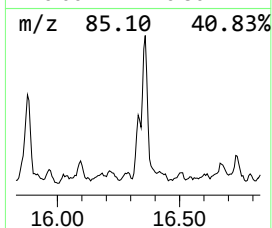
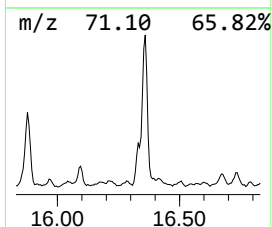
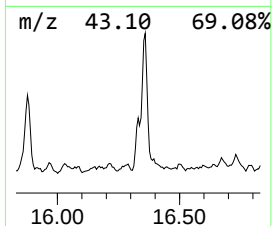
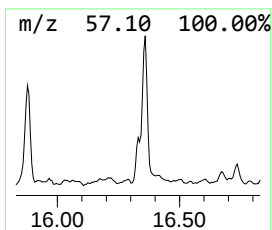
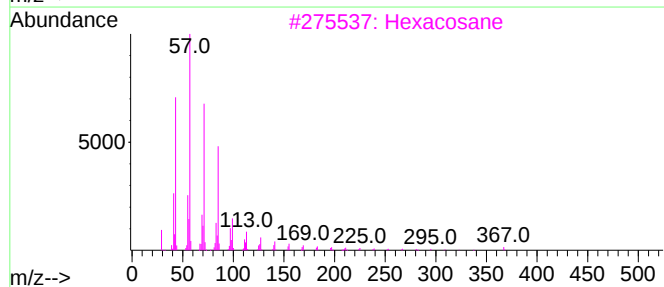
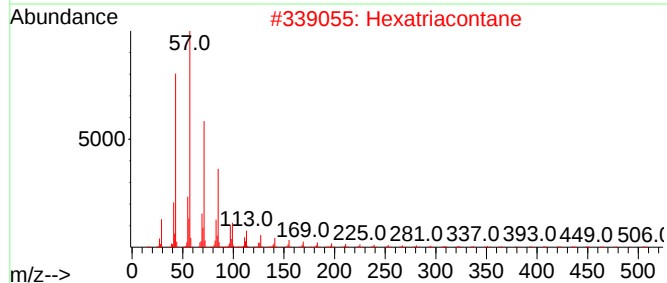
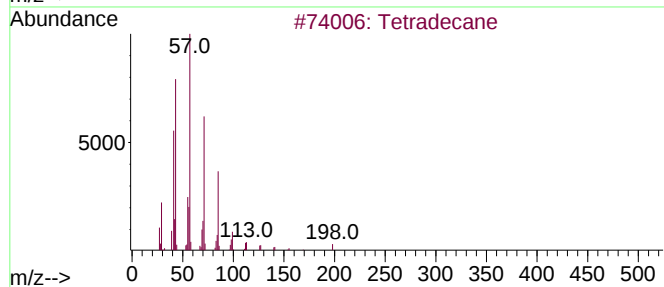
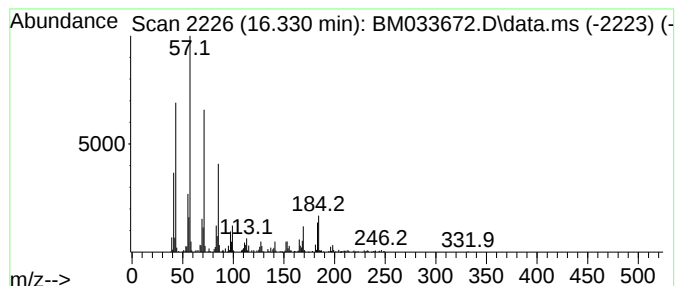
Instrument :
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ClientSampleId :
SB-2-(9-9.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexatriacontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.330	2.53 ng	300669	Phenanthrene-d10	17.354	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Hexatriacontane	507	C36H74	000630-06-8	76
3	Hexacosane	366	C26H54	000630-01-3	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

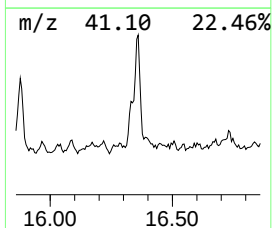
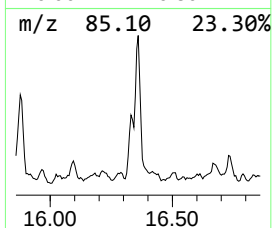
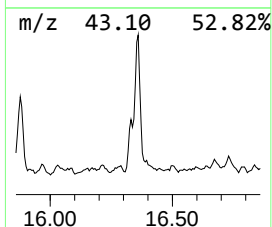
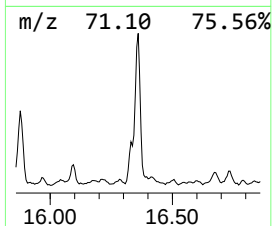
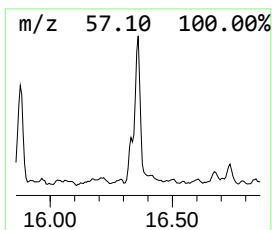
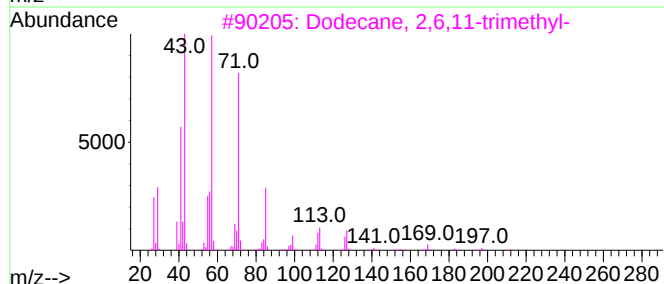
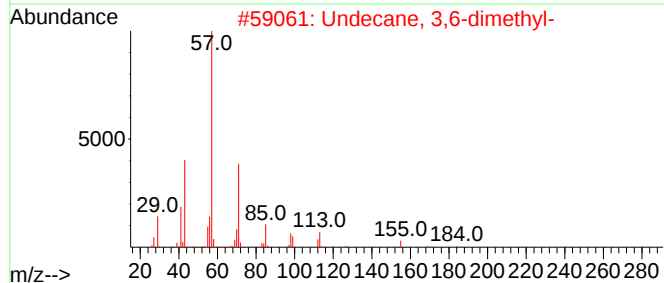
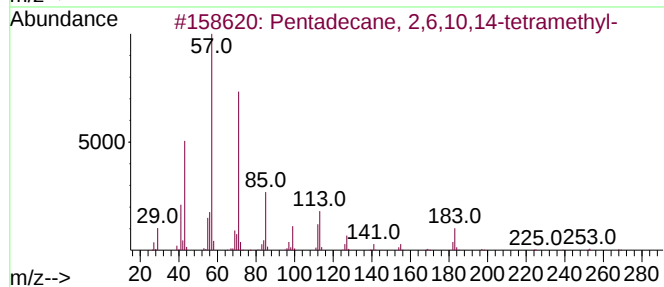
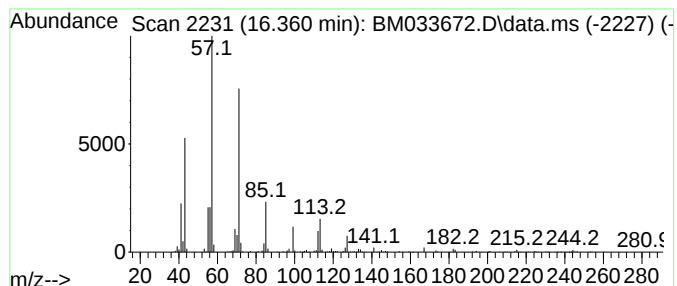
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.360	10.86 ng	1288550	Phenanthrene-d10			17.354
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

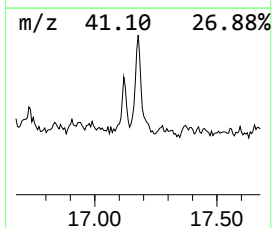
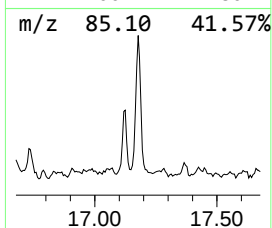
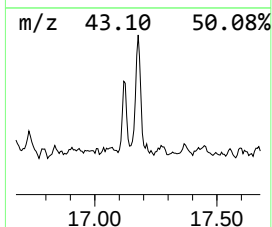
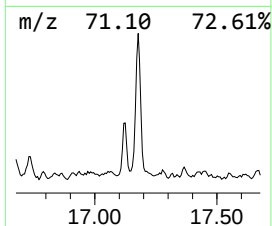
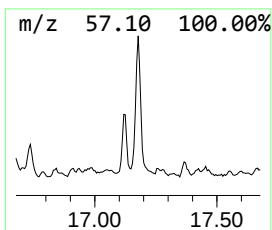
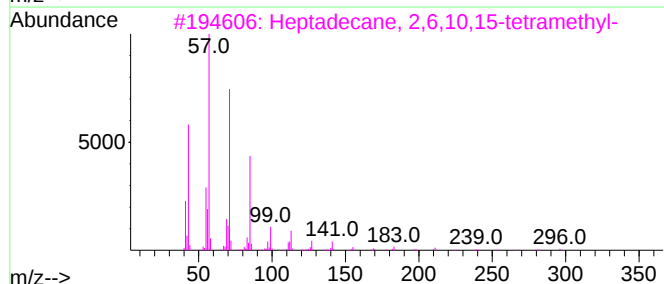
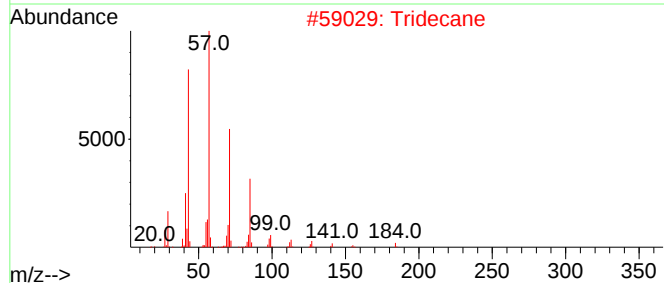
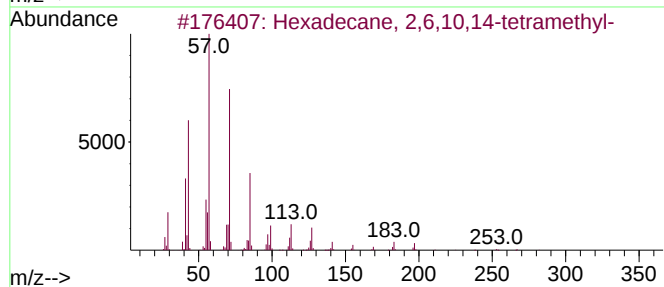
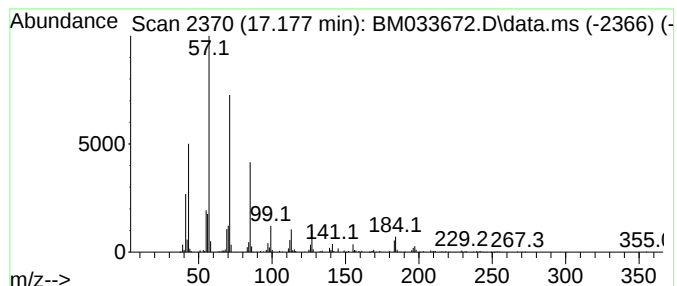
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.177	7.48 ng	886947	Phenanthrene-d10	17.354	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-(9-9.5)

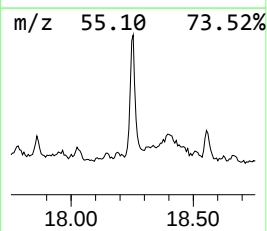
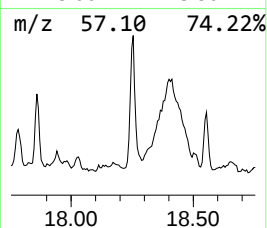
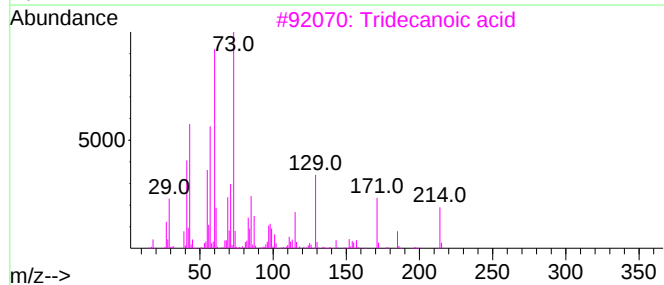
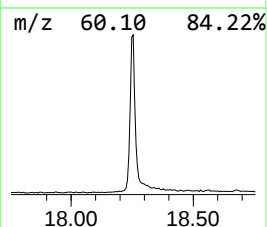
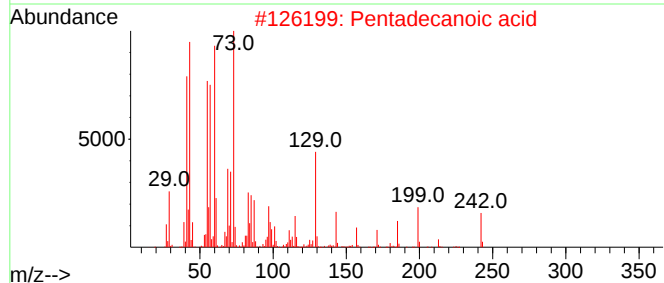
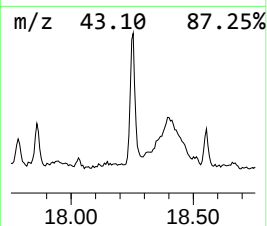
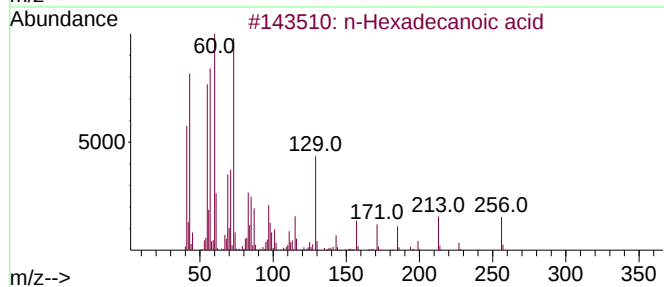
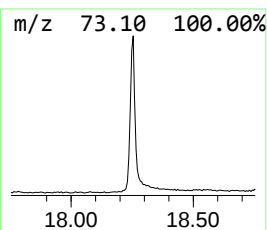
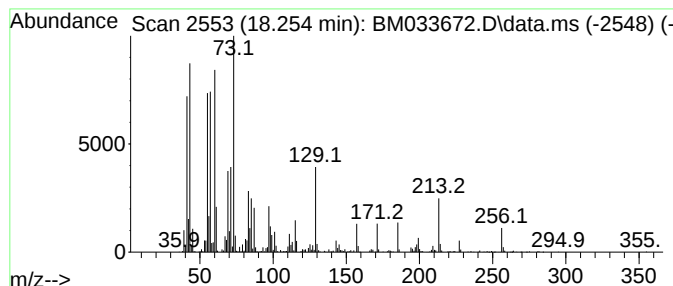
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	12.18 ng	1445170	Phenanthrene-d10	17.354

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
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Operator : CG/JU
Sample : N1051-02
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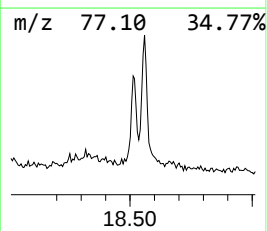
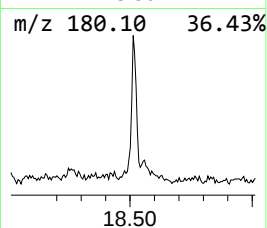
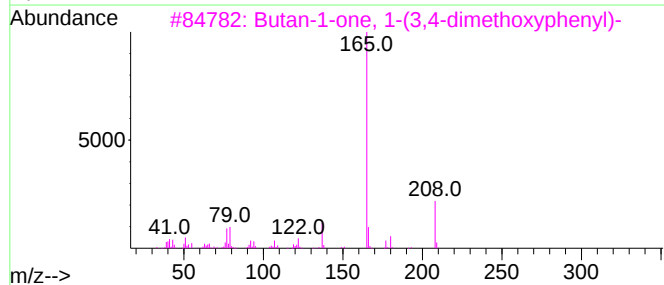
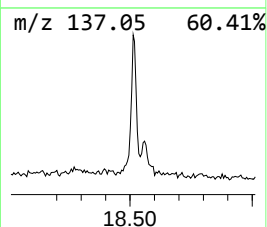
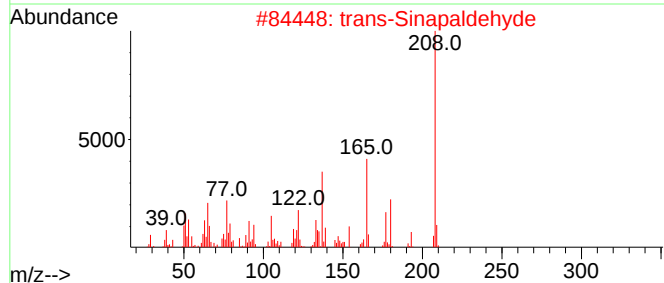
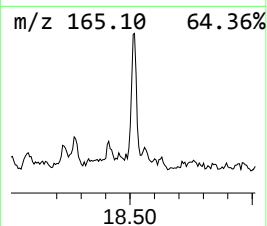
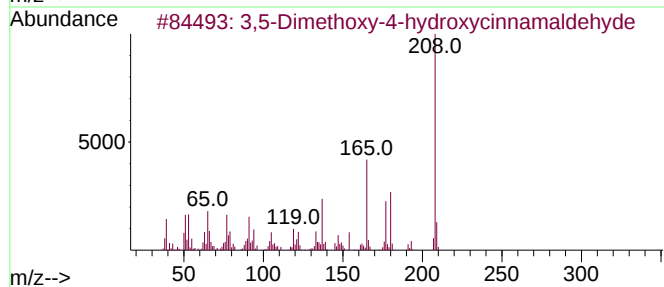
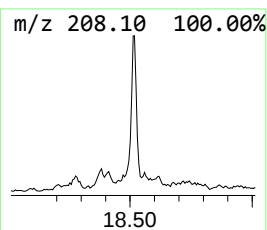
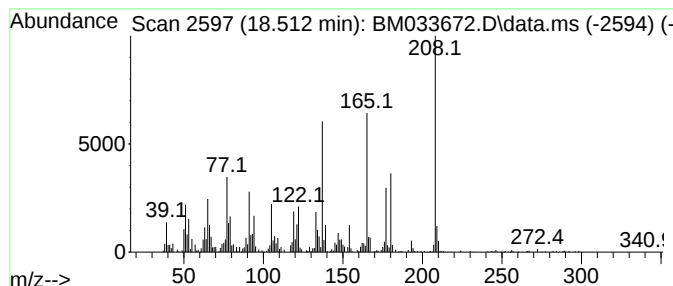
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,5-Dimethoxy-4-hydroxycinn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.512	3.90 ng	463072	Phenanthrene-d10	17.354	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethoxy-4-hydroxycinnamal...	208	C11H12O4	087345-53-7	90
2	trans-Sinapaldehyde	208	C11H12O4	004206-58-0	87
3	Butan-1-one, 1-(3,4-dimethoxyphe...	208	C12H16O3	054419-21-5	58
4	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	42
5	2,5-Dimethoxycinnamic acid	208	C11H12O4	010538-51-9	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
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Instrument :
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SB-2-(9-9.5)

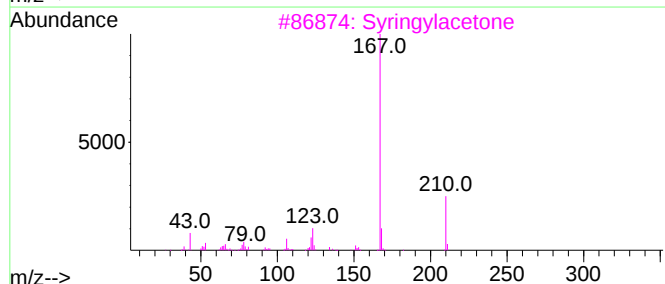
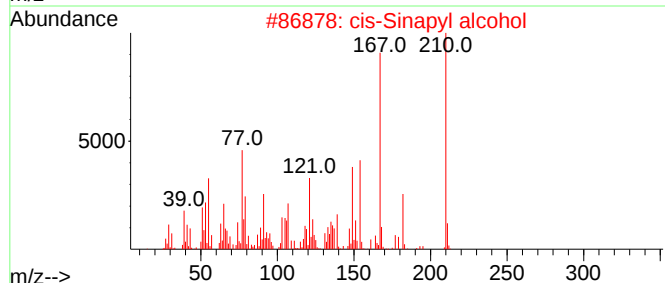
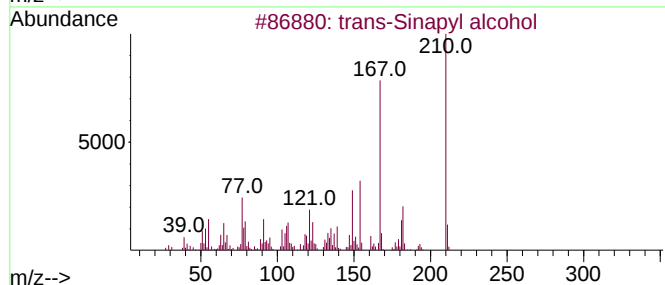
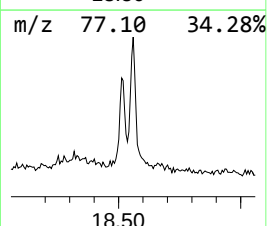
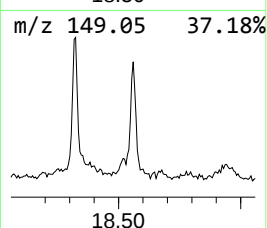
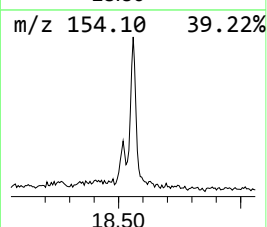
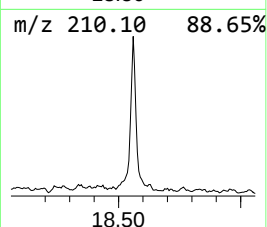
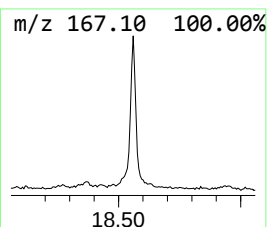
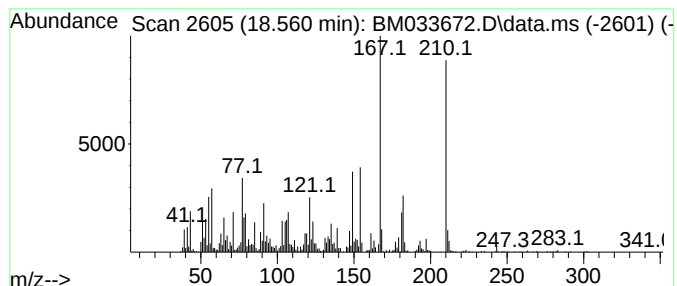
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 trans-Sinapyl alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	8.38 ng	993622	Phenanthrene-d10	17.354

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	97
2		cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	90
3		Syringylacetone	210	C11H14O4	019037-58-2	60
4		9-Methyl-1-phenazinol	210	C13H10N2O	013860-43-0	42
5		4-Ethyl-2,6-dimethoxyphenol	182	C10H14O3	014059-92-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

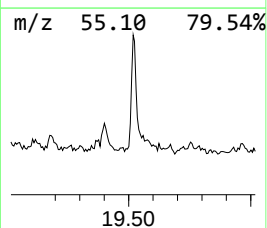
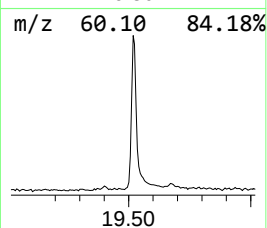
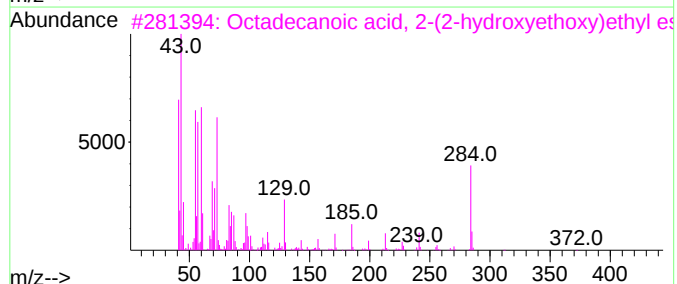
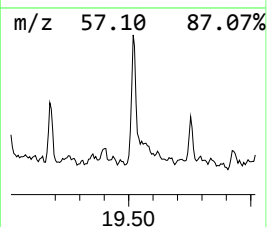
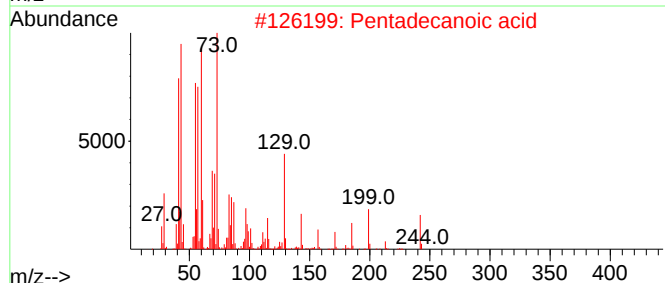
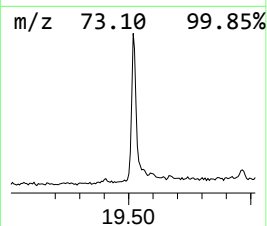
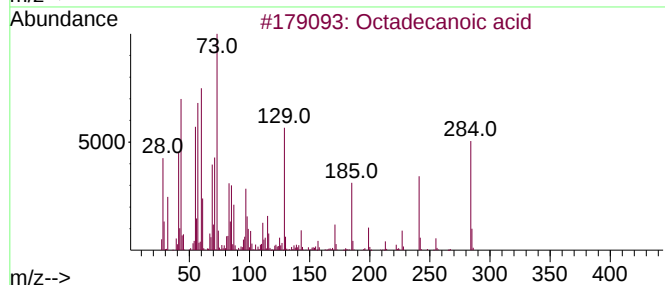
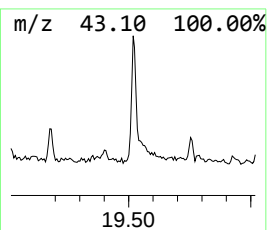
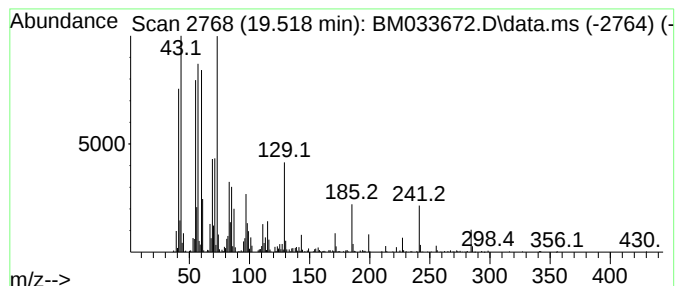
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.518	7.85 ng	950301	Chrysene-d12	21.518	
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	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
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Sample : N1051-02
Misc :
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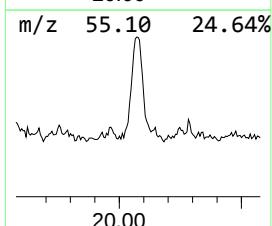
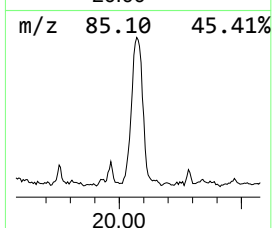
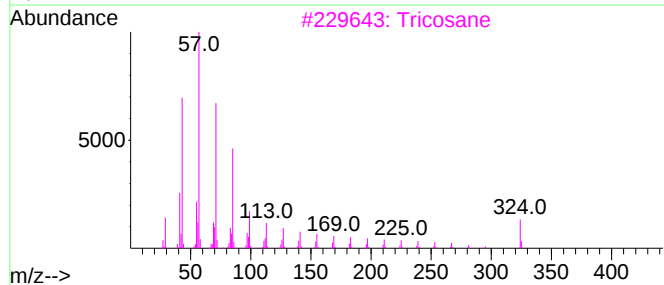
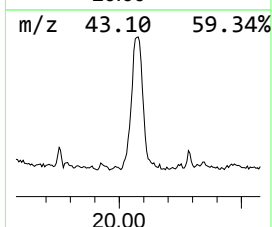
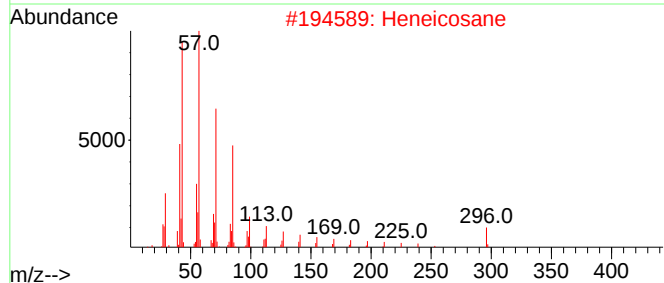
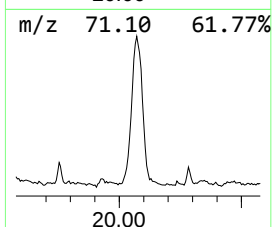
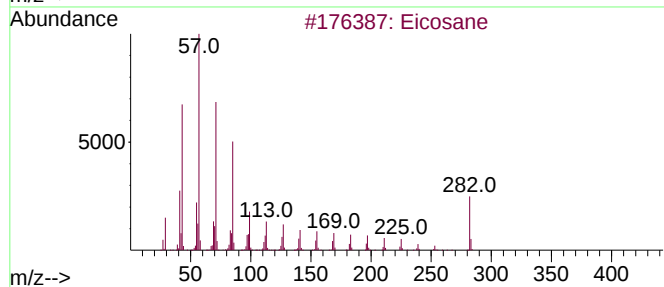
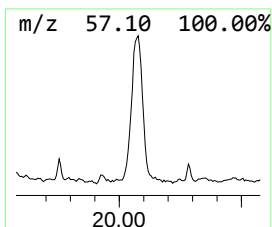
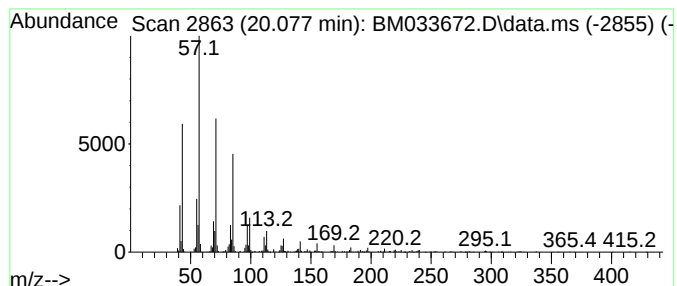
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.077	12.64 ng	1529820	Chrysene-d12		21.518	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	Heneicosane		296	C21H44	000629-94-7	93
3	Tricosane		324	C23H48	000638-67-5	93
4	Hentriacontane		437	C31H64	000630-04-6	91
5	Octacosane, 2-methyl-		408	C29H60	001560-98-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

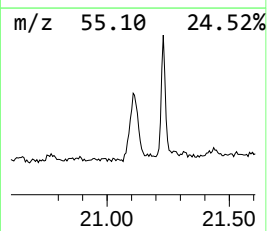
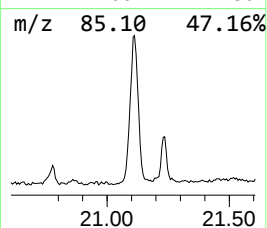
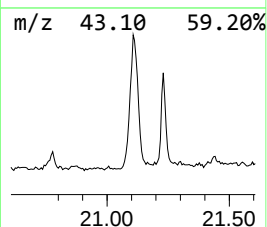
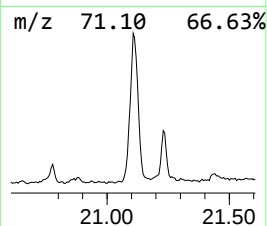
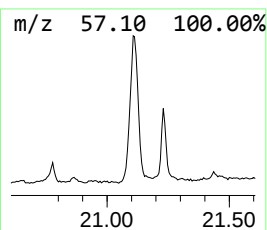
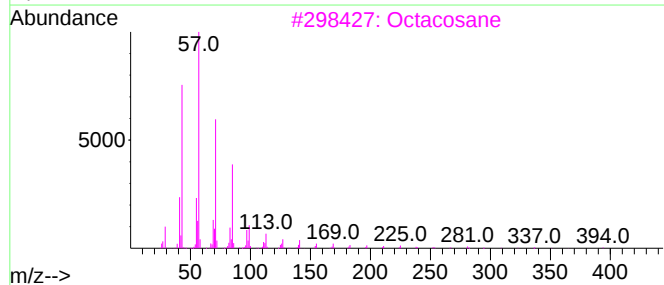
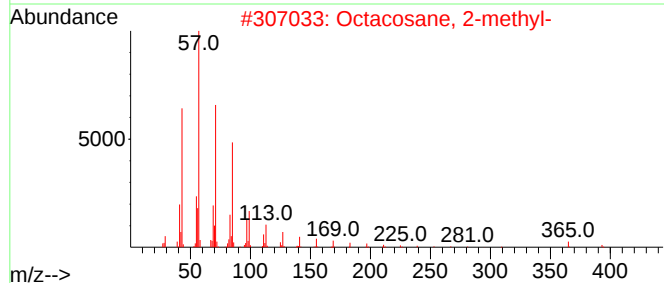
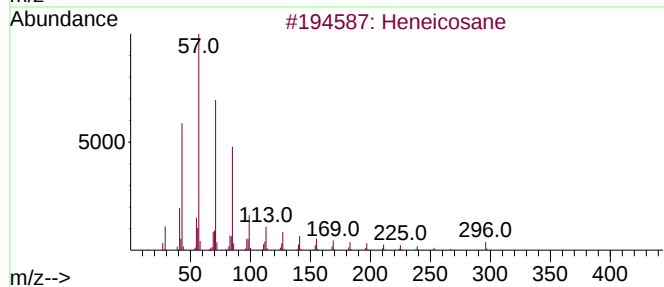
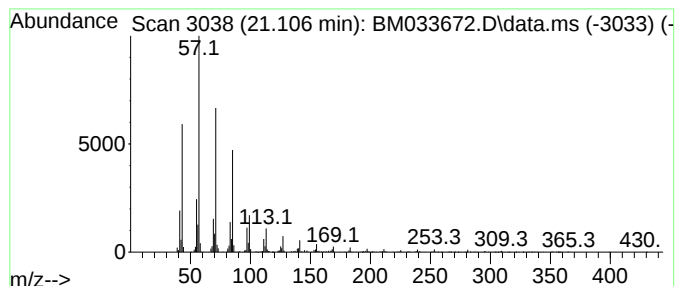
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.106	11.01 ng	1332630	Chrysene-d12		21.518	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Octacosane, 2-methyl-		408	C29H60	001560-98-1	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Pentadecane, 7-(bromomethyl)-		304	C16H33Br	052997-43-0	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
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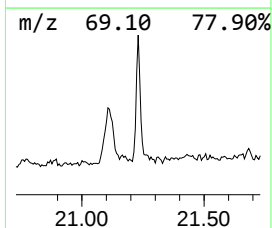
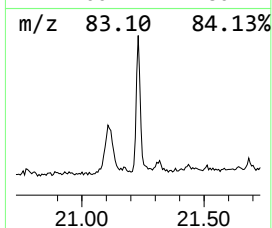
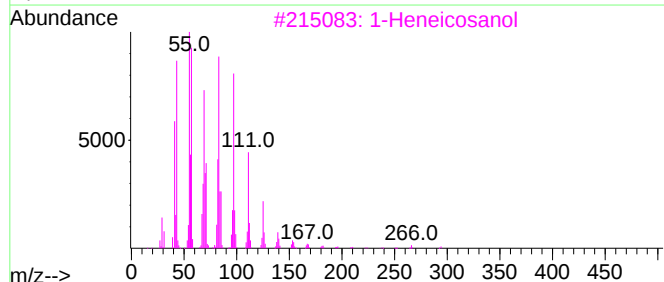
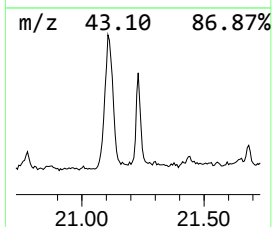
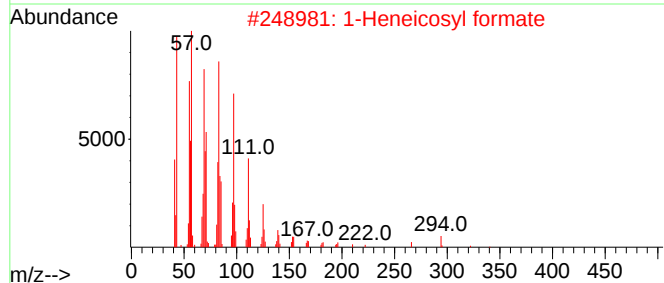
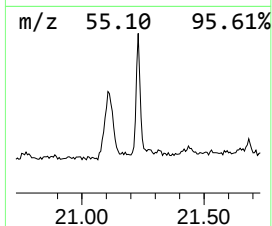
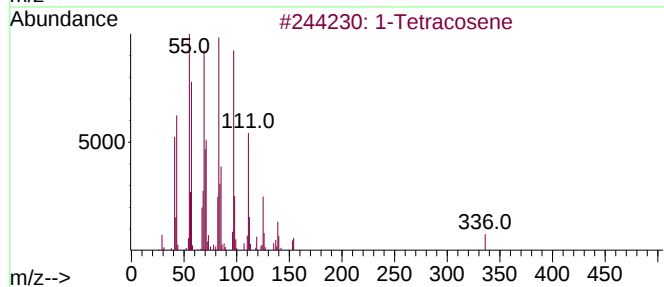
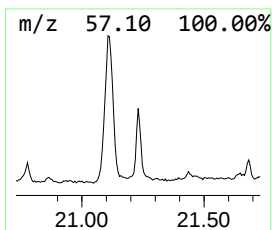
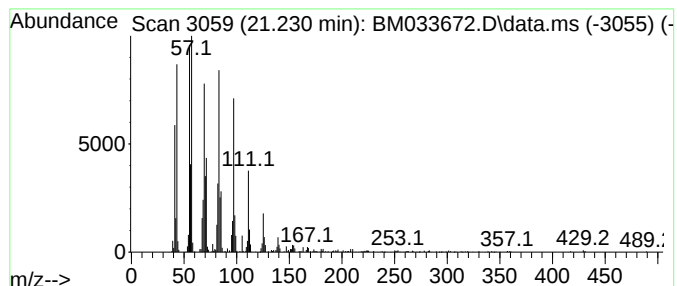
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Tetracosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.230	6.75 ng	816970	Chrysene-d12	21.518

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	99
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
3			1-Heneicosanol	312	C21H44O	015594-90-8	95
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

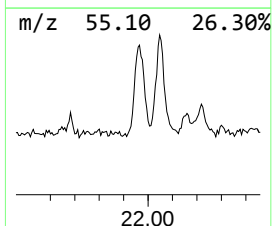
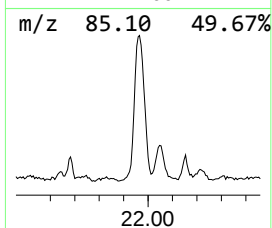
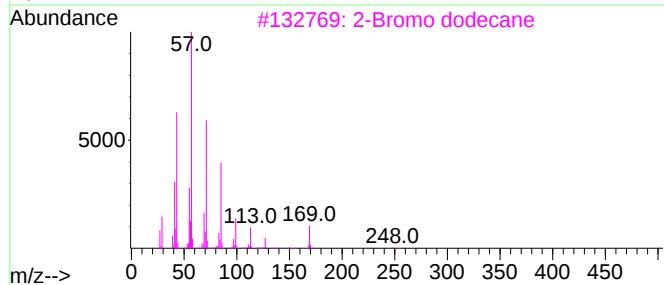
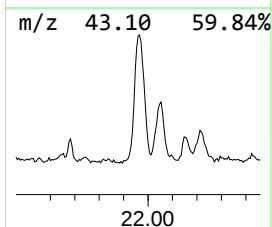
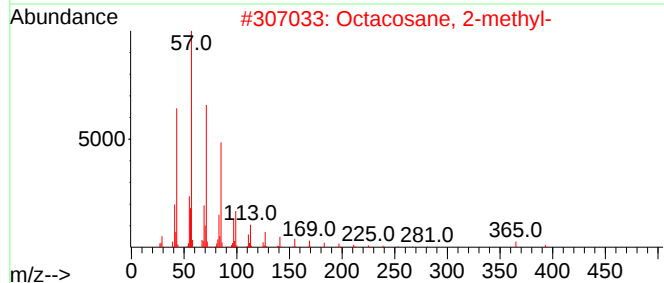
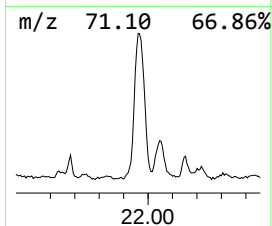
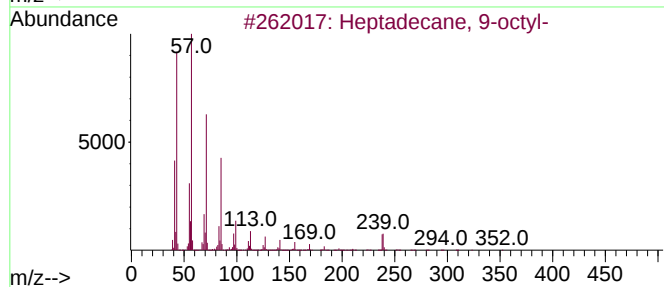
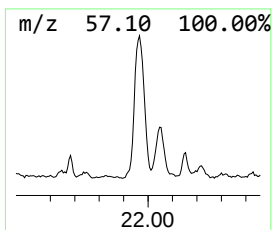
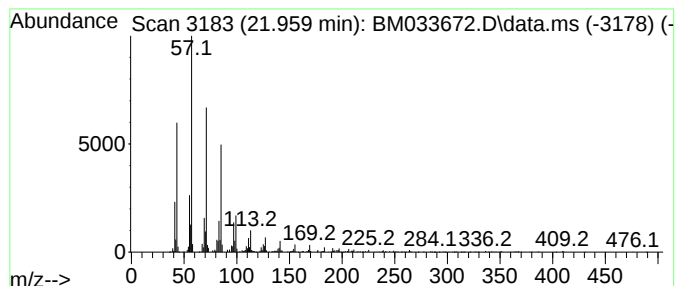
Instrument :
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ClientSampleId :
SB-2-(9-9.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.959	11.34 ng	1373050	Chrysene-d12	21.518	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033672.D
Acq On : 07 Jan 2022 17:08
Operator : CG/JU
Sample : N1051-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-2-(9-9.5)

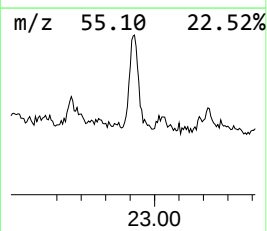
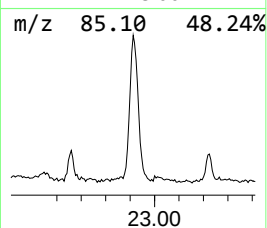
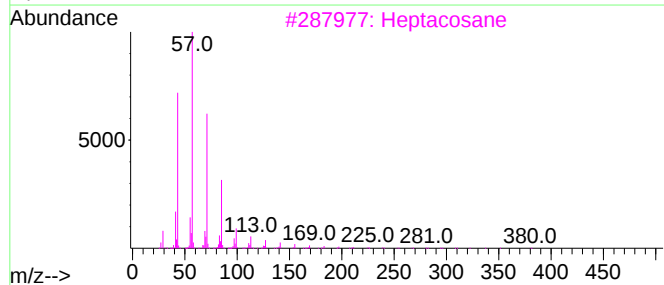
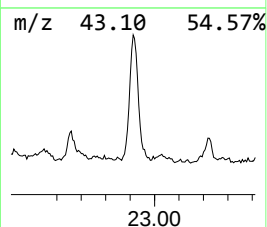
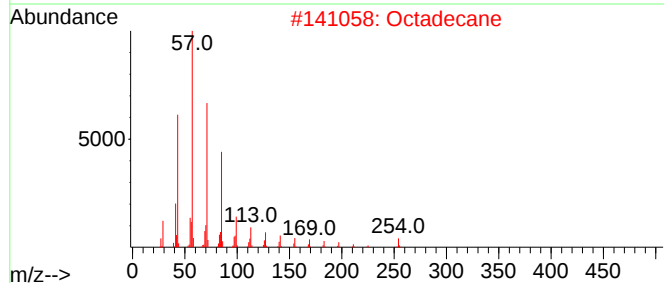
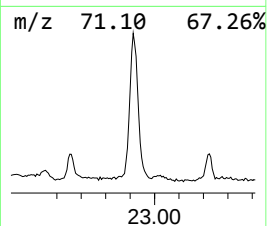
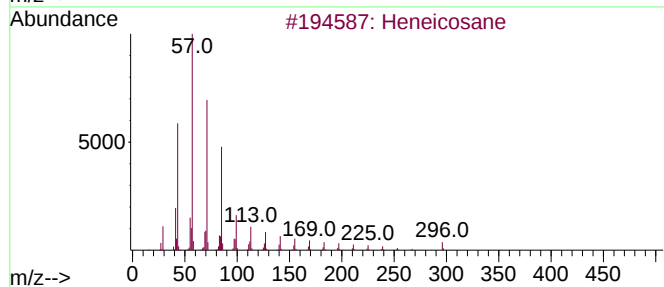
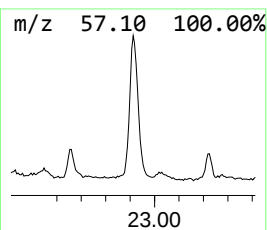
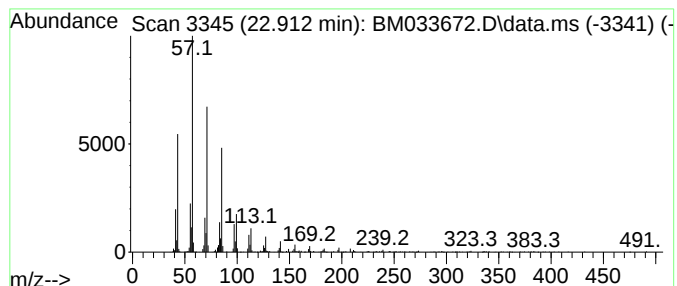
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.912	11.28 ng	1213080	Perylene-d12	23.947

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	93
3		Heptacosane	380	C27H56	000593-49-7	93
4		Heptadecane	240	C17H36	000629-78-7	93
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
 Data File : BM033672.D
 Acq On : 07 Jan 2022 17:08
 Operator : CG/JU
 Sample : N1051-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2-(9-9.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.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
Ethanol, 2-(2-b...	10.572	4.0	ng	336371	2	10.795	1679550	20.0
Sulfurous acid,...	11.842	4.9	ng	414232	2	10.795	1679550	20.0
Dodecane, 2,6,1...	13.178	4.0	ng	540842	3	14.619	2686530	20.0
Tetradecane	14.113	4.0	ng	530212	3	14.619	2686530	20.0
unknown14.460	14.460	3.4	ng	450573	3	14.619	2686530	20.0
Pentadecane	14.525	2.8	ng	381141	3	14.619	2686530	20.0
unknown15.148	15.148	3.3	ng	444823	3	14.619	2686530	20.0
Hexadecane, 3-m...	15.877	5.1	ng	680207	3	14.619	2686530	20.0
Hexatriacontane	16.330	2.5	ng	300669	4	17.354	2372800	20.0
Pentadecane, 2,...	16.360	10.9	ng	1288550	4	17.354	2372800	20.0
Hexadecane, 2,6...	17.177	7.5	ng	886947	4	17.354	2372800	20.0
n-Hexadecanoic ...	18.254	12.2	ng	1445170	4	17.354	2372800	20.0
3,5-Dimethoxy-4...	18.512	3.9	ng	463072	4	17.354	2372800	20.0
trans-Sinapyl a...	18.560	8.4	ng	993622	4	17.354	2372800	20.0
Octadecanoic acid	19.518	7.8	ng	950301	5	21.518	2421190	20.0
Eicosane	20.077	12.6	ng	1529820	5	21.518	2421190	20.0
Heneicosane	21.106	11.0	ng	1332630	5	21.518	2421190	20.0
1-Tetracosene	21.230	6.8	ng	816970	5	21.518	2421190	20.0
Heptadecane, 9-...	21.959	11.3	ng	1373050	5	21.518	2421190	20.0
Octadecane	22.912	11.3	ng	1213080	6	23.947	2149950	20.0