

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
 Data File : BM029084.D
 Acq On : 10 Mar 2021 23:52
 Operator : CG/JU
 Sample : M1608-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-030921

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-BM022321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	378	383	397	rBB	25829	40950	1.67%	0.510%
2	6.863	654	659	669	rBV	26052	42645	1.74%	0.531%
3	7.663	790	795	802	rBB	40920	58194	2.38%	0.725%
4	10.416	1256	1263	1266	rBV	25713	41795	1.71%	0.521%
5	10.457	1266	1270	1275	rVB	55256	86194	3.52%	1.074%
6	11.645	1463	1472	1479	rBV3	13868	24956	1.02%	0.311%
7	11.869	1501	1510	1516	rBV	48189	76113	3.11%	0.948%
8	12.839	1671	1675	1688	rVB3	16743	32534	1.33%	0.405%
9	12.945	1688	1693	1699	rBV	48007	69820	2.85%	0.870%
10	13.139	1718	1726	1733	rBV	68030	99715	4.07%	1.242%
11	13.798	1831	1838	1842	rVB2	23931	42299	1.73%	0.527%
12	13.845	1842	1846	1851	rVV2	18254	26797	1.09%	0.334%
13	14.221	1905	1910	1915	rBV	91485	114752	4.69%	1.429%
14	14.333	1924	1929	1935	rVB	97394	143254	5.85%	1.784%
15	14.457	1945	1950	1960	rVB	38102	58632	2.39%	0.730%
16	15.180	2068	2073	2078	rVB	95102	112559	4.60%	1.402%
17	15.586	2132	2142	2146	rBV	26663	57349	2.34%	0.714%
18	15.833	2181	2184	2189	rVB	30257	40050	1.64%	0.499%
19	16.039	2215	2219	2227	rBV	95481	164835	6.73%	2.053%
20	16.239	2249	2253	2257	rVB	28945	34332	1.40%	0.428%
21	16.833	2349	2354	2358	rBV	86378	104383	4.26%	1.300%
22	16.880	2358	2362	2366	rVB	27869	37471	1.53%	0.467%
23	17.080	2391	2396	2401	rBV	125147	173619	7.09%	2.162%
24	17.568	2474	2479	2484	rBV	78427	94562	3.86%	1.178%
25	17.615	2484	2487	2491	rBV	23861	27393	1.12%	0.341%
26	17.751	2504	2510	2515	rVB	612861	705137	28.79%	8.783%
27	17.974	2541	2548	2552	rBV2	28757	47830	1.95%	0.596%
28	18.257	2591	2596	2600	rBV	74029	89153	3.64%	1.110%
29	18.898	2699	2705	2707	rBV	1357120	1628614	66.50%	20.285%
30	18.933	2707	2711	2721	rVB	1932507	2449101	100.00%	30.504%
31	19.056	2728	2732	2737	rBV	255917	280563	11.46%	3.495%
32	19.139	2743	2746	2752	rBV2	32881	48745	1.99%	0.607%
33	19.427	2791	2795	2799	rBV2	32925	42444	1.73%	0.529%
34	19.474	2799	2803	2806	rBV	48752	56317	2.30%	0.701%
35	19.703	2838	2842	2846	rBV	98450	114047	4.66%	1.420%
36	19.921	2875	2879	2881	rBV4	20475	27422	1.12%	0.342%

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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_M\Methods\8270-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.009	2891	2894	2897	rBV	34127	34450	1.41%	0.429%
38	20.045	2897	2900	2912	rVB3	33642	56855	2.32%	0.708%
39	20.156	2915	2919	2923	rBV	34832	42573	1.74%	0.530%
40	20.203	2923	2927	2930	rBV6	23192	38236	1.56%	0.476%
41	20.256	2933	2936	2941	rVV3	27369	40884	1.67%	0.509%
42	20.503	2975	2978	2983	rVB	30048	31735	1.30%	0.395%
43	20.968	3054	3057	3065	rVB3	19767	33386	1.36%	0.416%
44	21.256	3101	3106	3110	rBV	126791	160512	6.55%	1.999%
45	21.815	3199	3201	3214	rVB5	26215	50263	2.05%	0.626%
46	22.456	3307	3310	3320	rVB	51749	82094	3.35%	1.023%
47	23.415	3468	3473	3481	rVB2	87196	163115	6.66%	2.032%

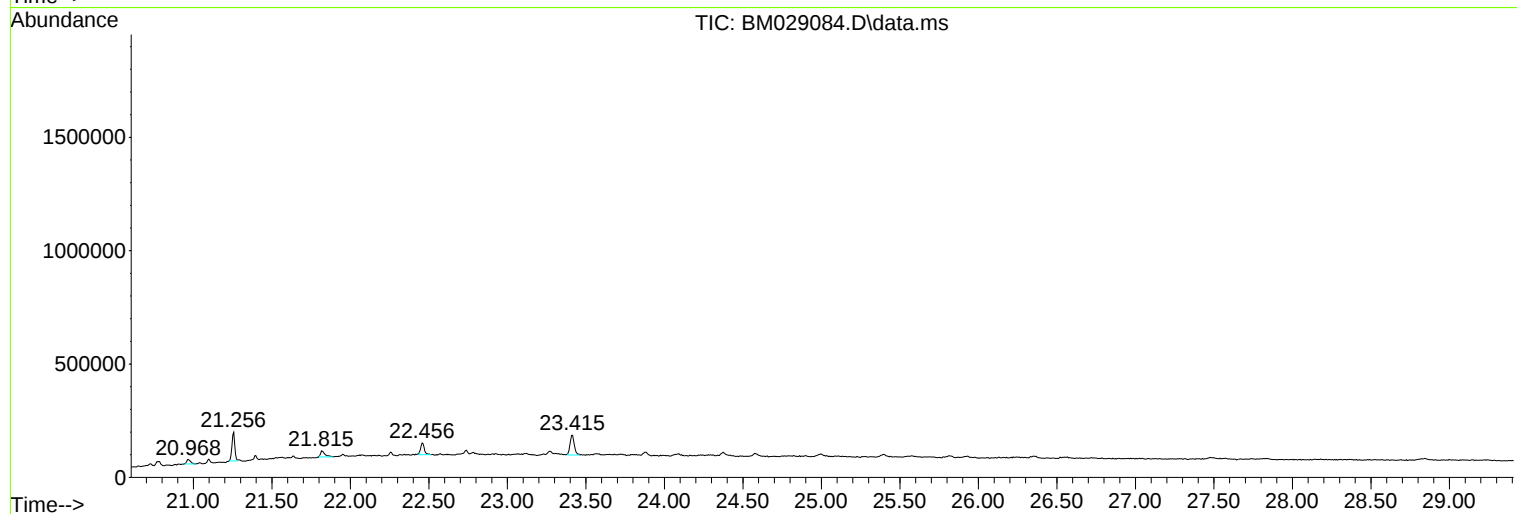
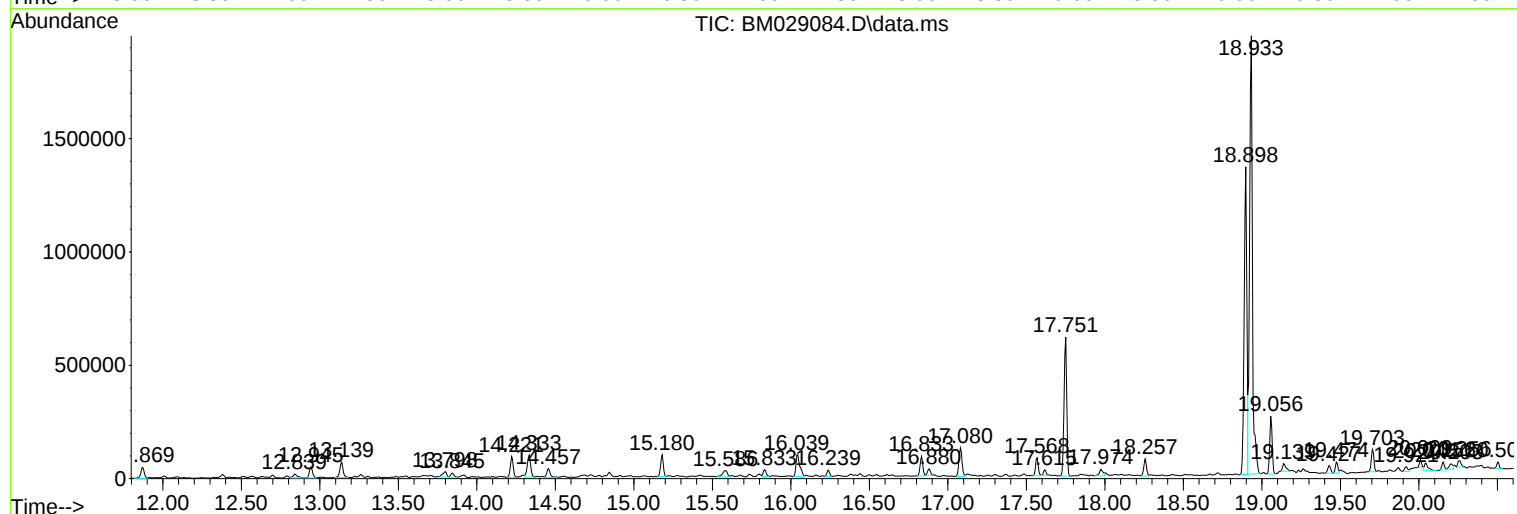
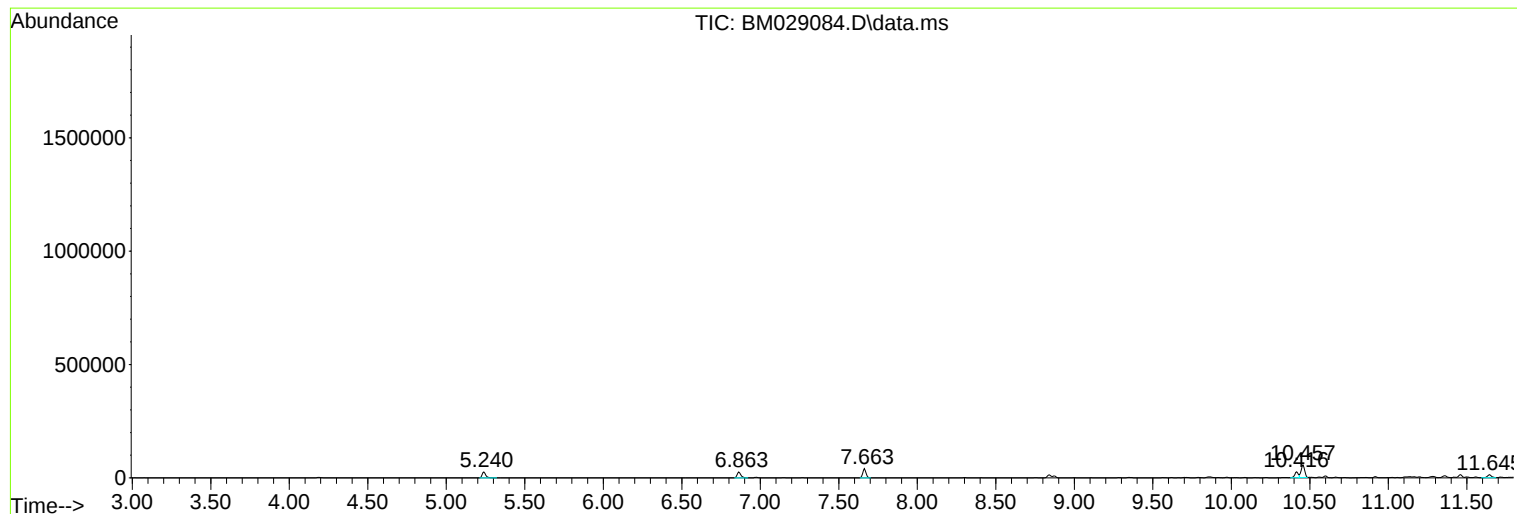
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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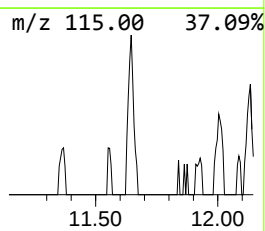
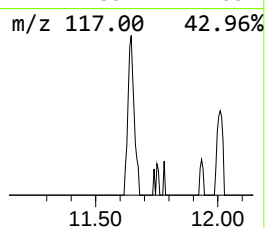
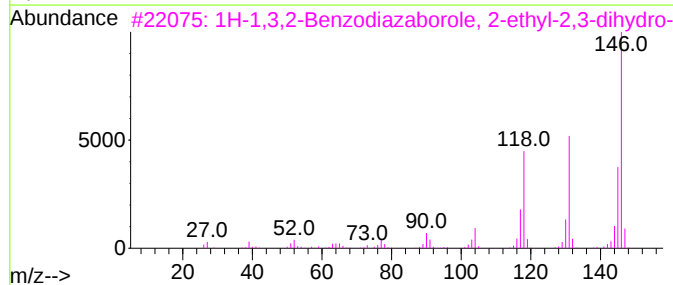
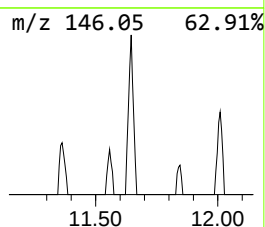
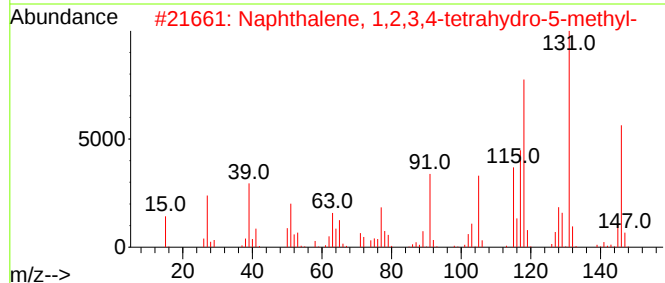
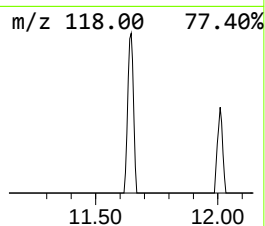
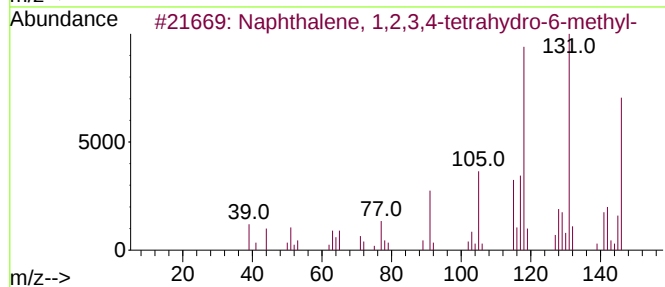
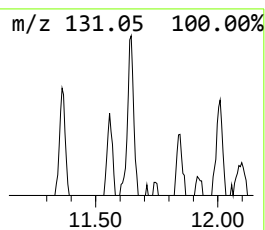
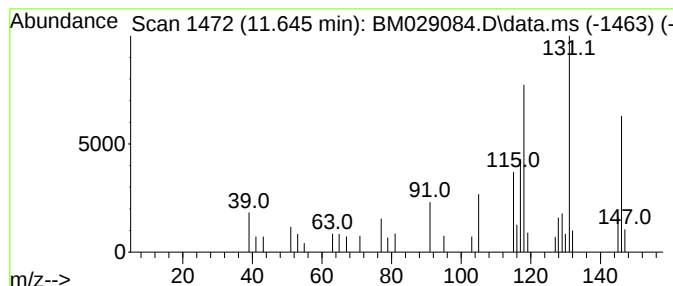
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	5.79 ng	24956	Naphthalene-d8	10.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	83
4			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60



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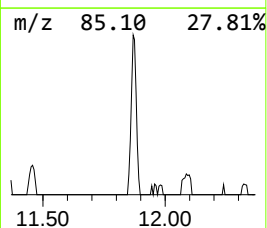
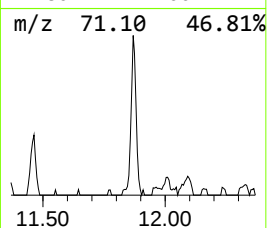
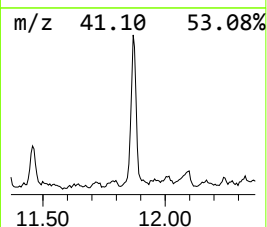
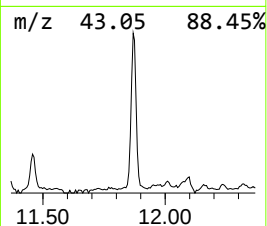
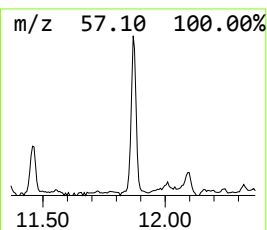
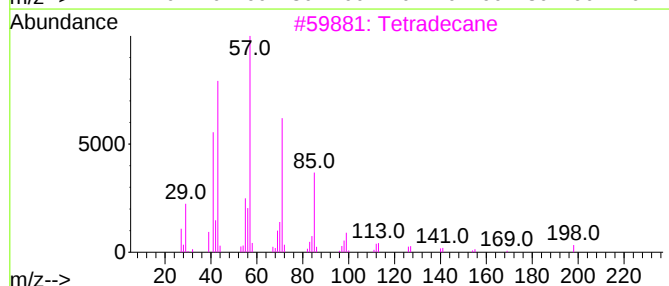
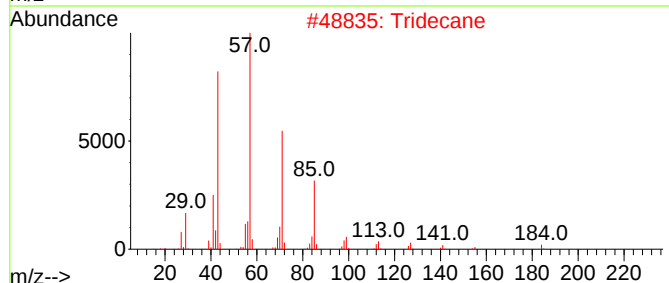
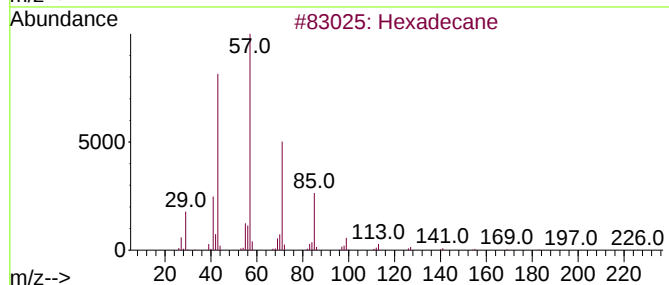
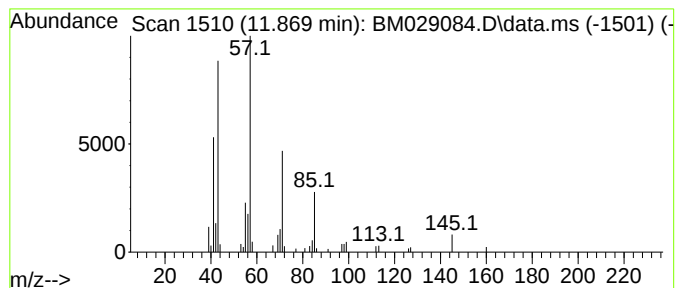
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	17.66 ng	76113	Naphthalene-d8	10.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Tridecane	184	C13H28	000629-50-5	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Undecane	156	C11H24	001120-21-4	78
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



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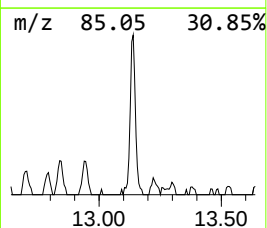
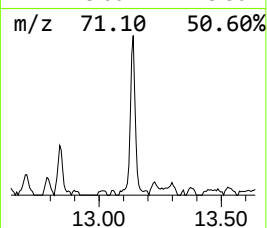
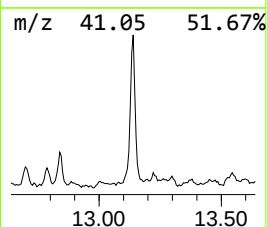
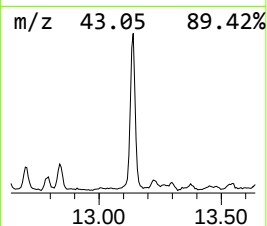
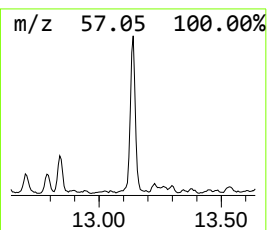
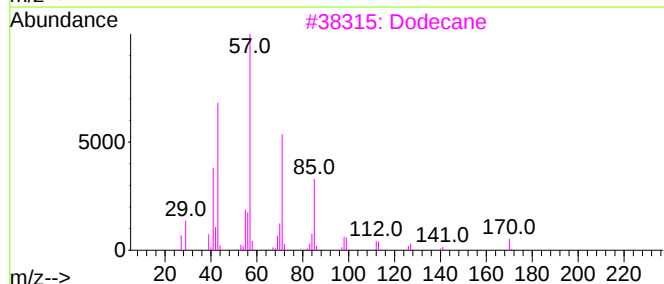
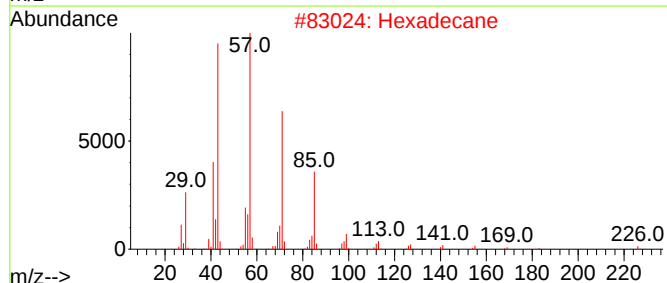
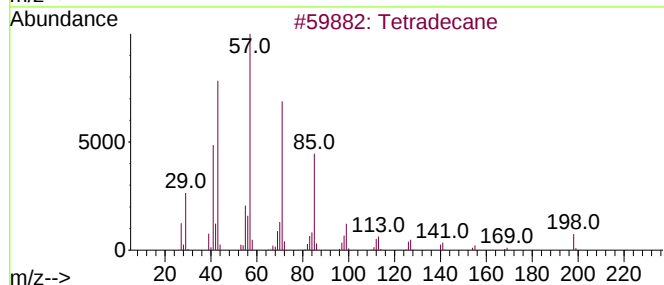
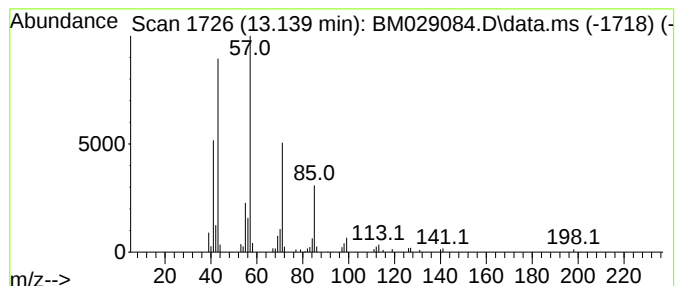
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	13.92 ng	99715	Acenaphthene-d10	14.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Hexadecane	226	C16H34	000544-76-3	91
3			Dodecane	170	C12H26	000112-40-3	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Undecane	156	C11H24	001120-21-4	90



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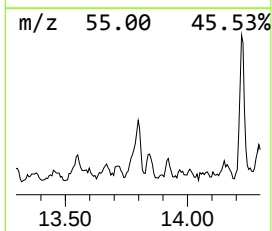
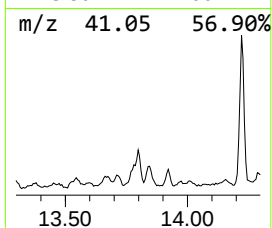
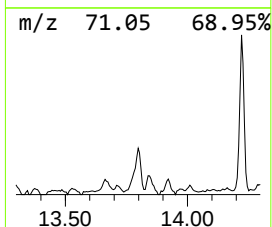
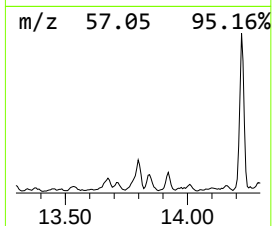
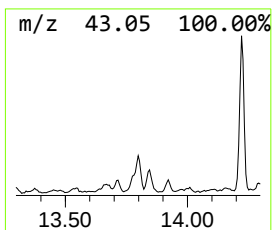
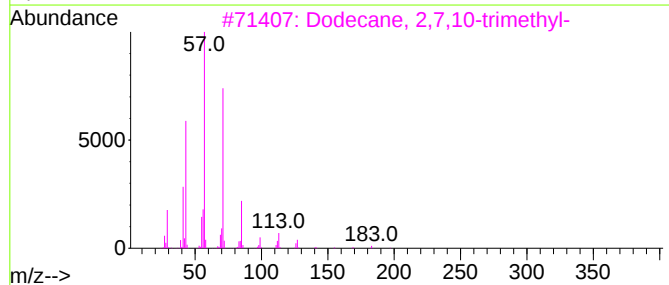
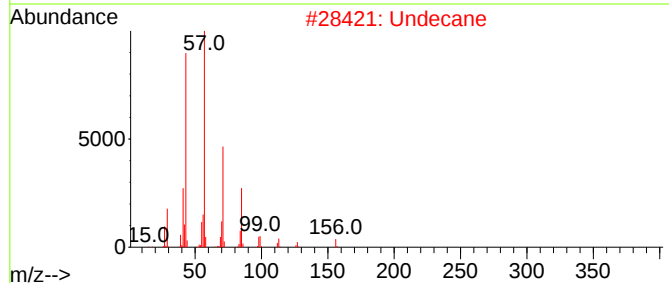
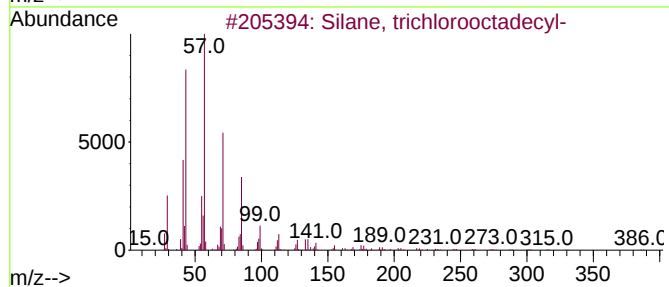
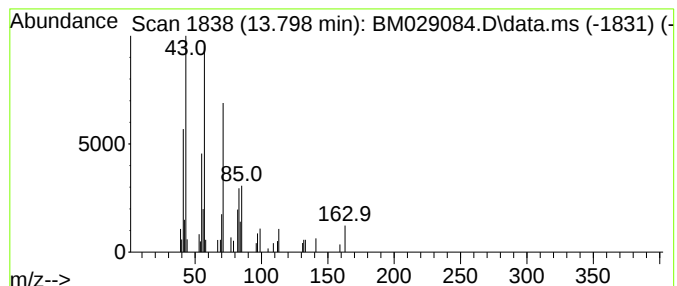
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Silane, trichlorooctadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	5.91 ng	42299	Acenaphthene-d10	14.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	53
2			Undecane	156	C11H24	001120-21-4	53
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
4			Undecane, 2-methyl-	170	C12H26	007045-71-8	50
5			Decane	142	C10H22	000124-18-5	50



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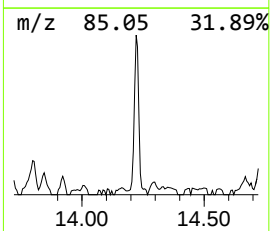
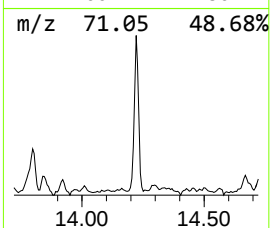
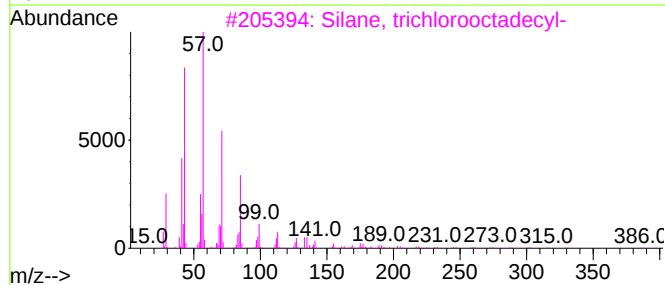
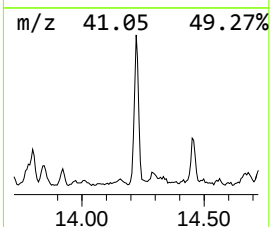
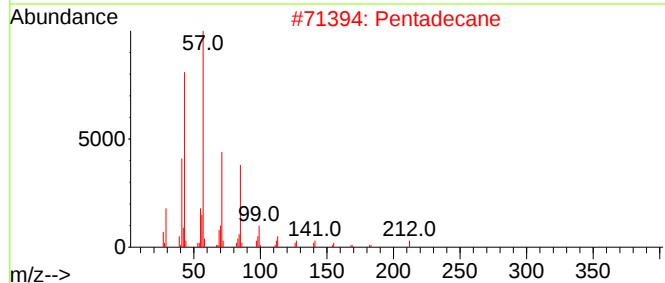
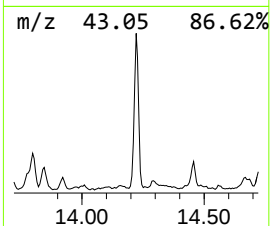
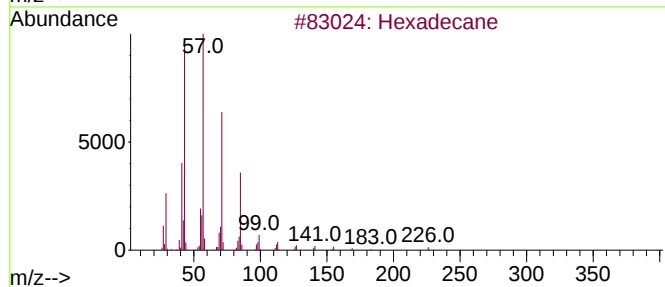
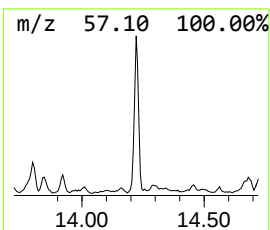
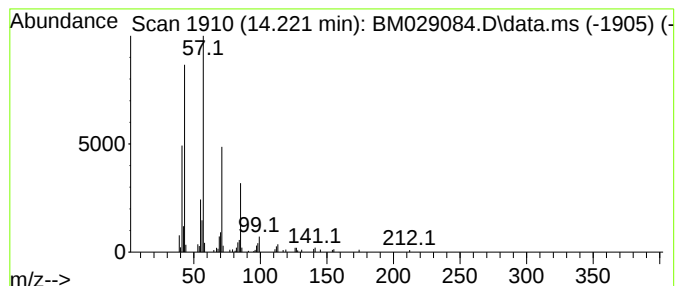
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.222	16.02 ng	114752	Acenaphthene-d10	14.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
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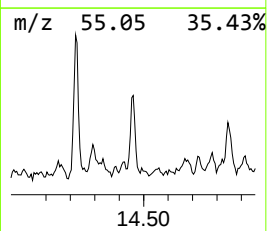
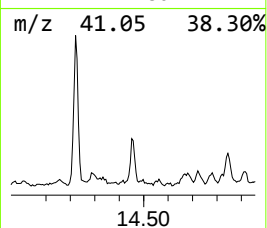
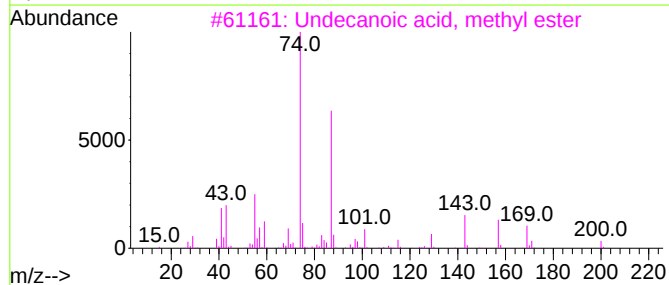
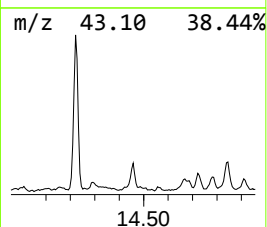
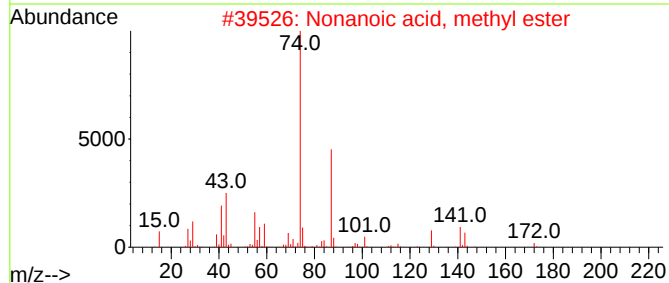
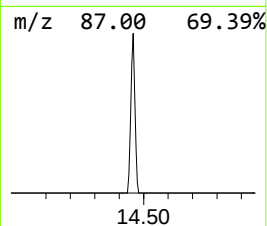
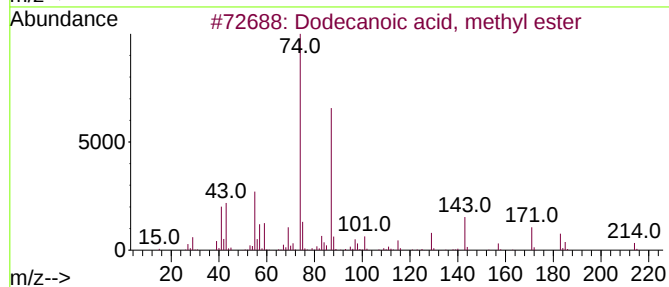
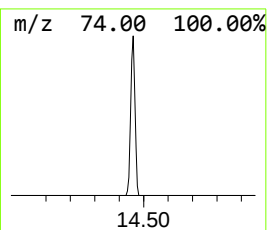
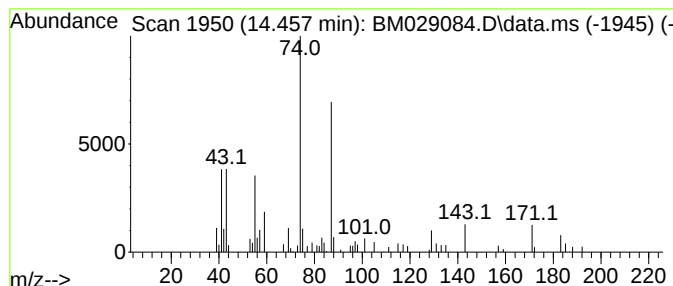
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.457	8.19 ng	58632	Acenaphthene-d10		14.333	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecanoic acid, methyl ester		214	C13H26O2	000111-82-0	91
2	Nonanoic acid, methyl ester		172	C10H20O2	001731-84-6	83
3	Undecanoic acid, methyl ester		200	C12H24O2	001731-86-8	72
4	Decanoic acid, methyl ester		186	C11H22O2	000110-42-9	64
5	Methyl 8-methyl-decanoate		200	C12H24O2	1000336-49-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
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Instrument :
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ClientSampleId :
HD-02-030921

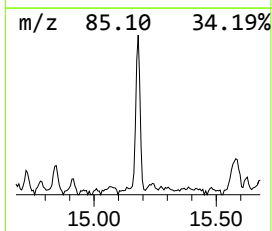
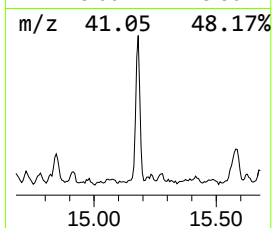
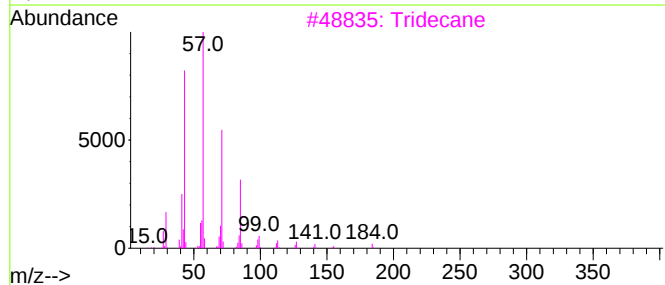
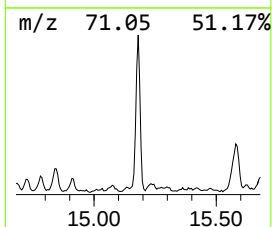
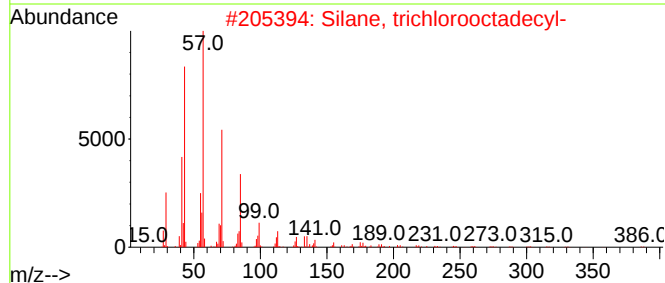
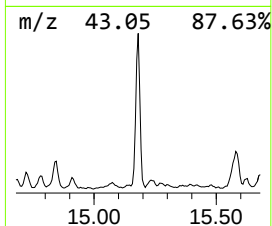
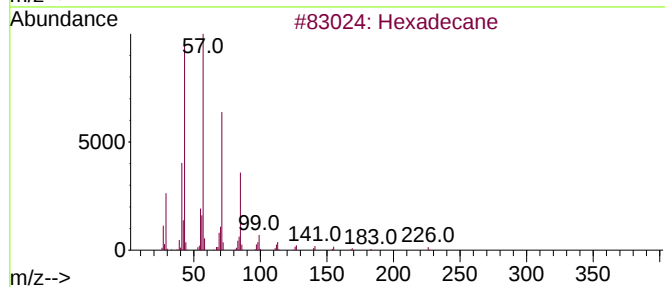
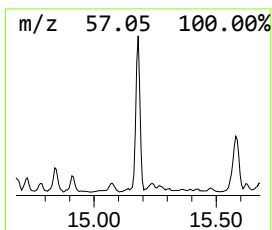
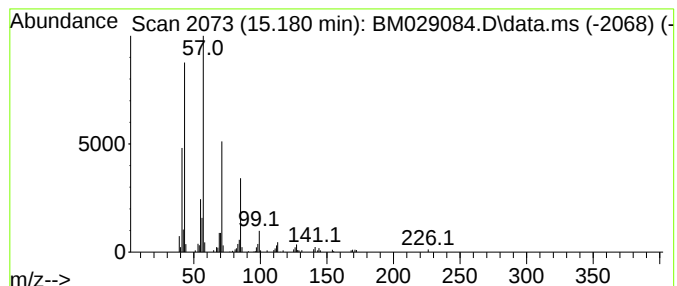
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	15.71 ng	112559	Acenaphthene-d10	14.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-030921

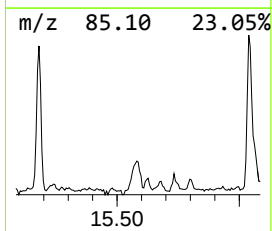
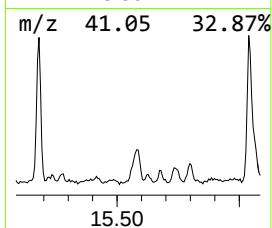
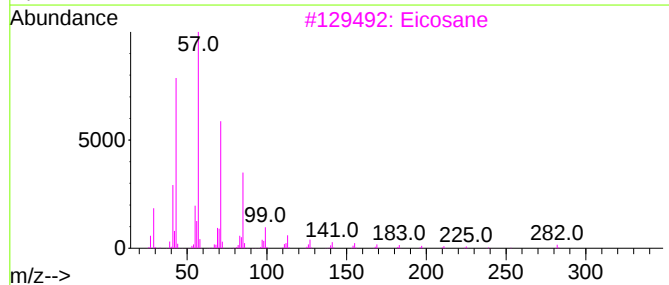
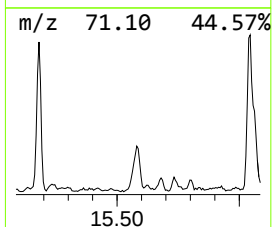
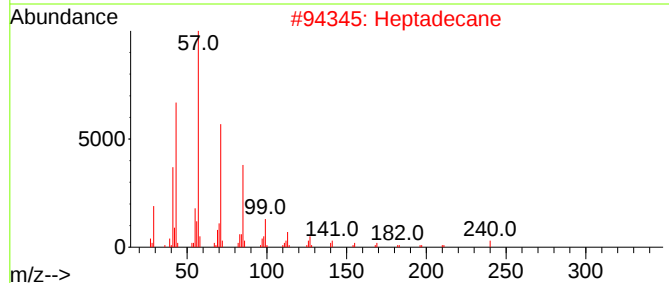
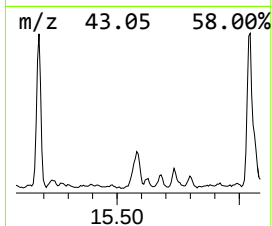
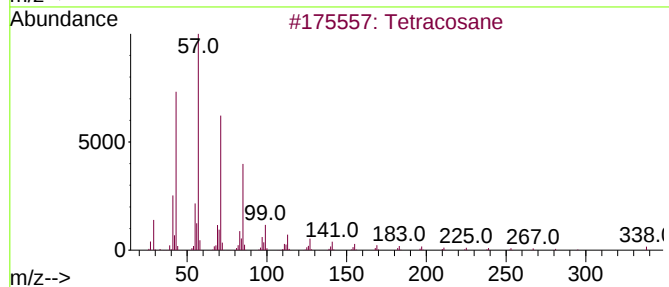
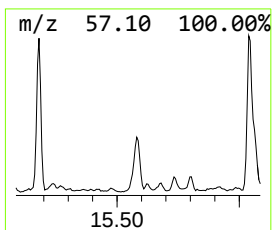
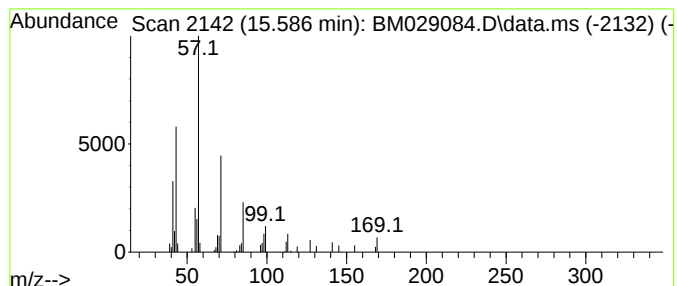
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.586	8.01 ng	57349	Acenaphthene-d10	14.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	72
2			Heptadecane	240	C17H36	000629-78-7	64
3			Eicosane	282	C20H42	000112-95-8	64
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
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ClientSampleId :
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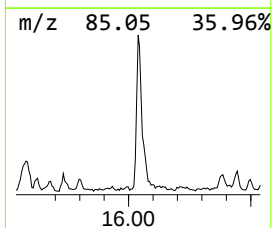
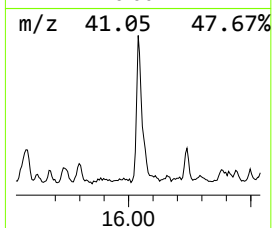
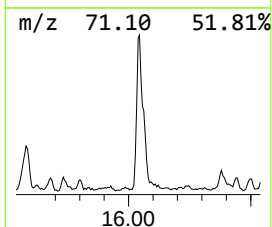
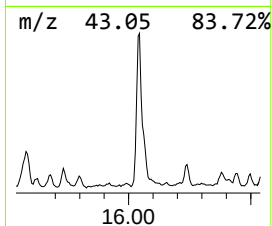
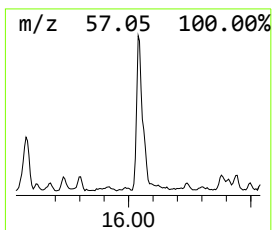
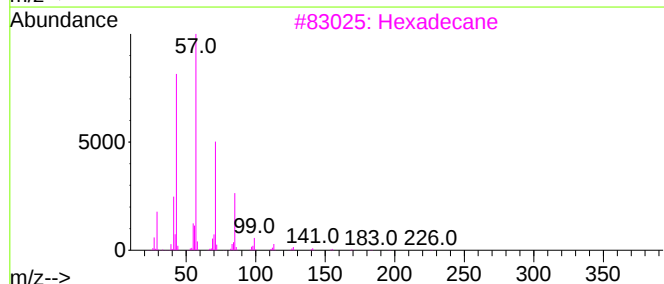
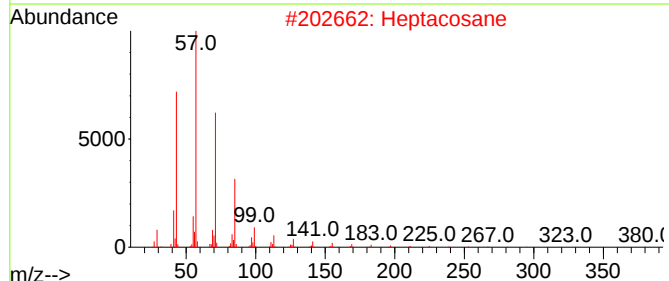
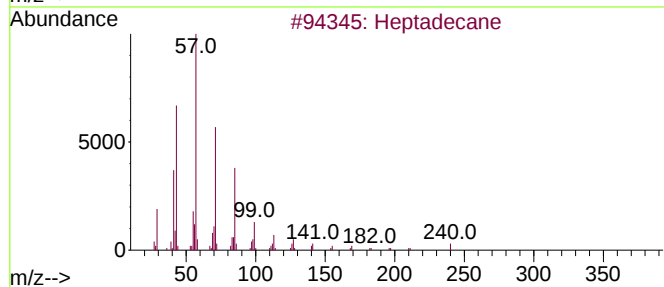
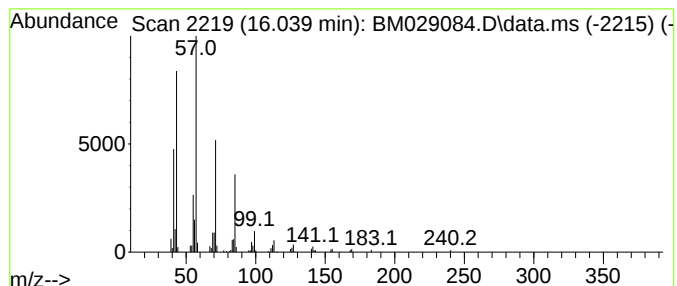
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	18.99 ng	164835	Phenanthrene-d10	17.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Nonadecane	268	C19H40	000629-92-5	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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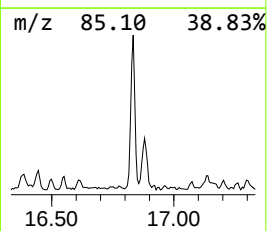
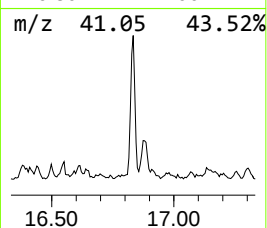
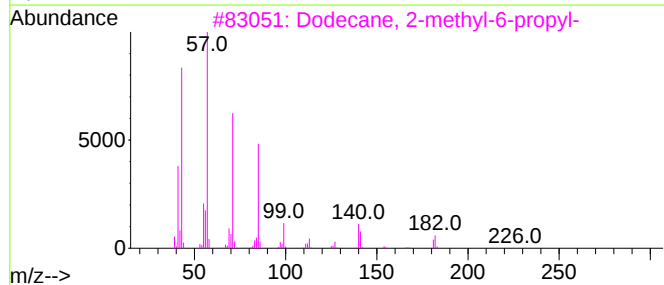
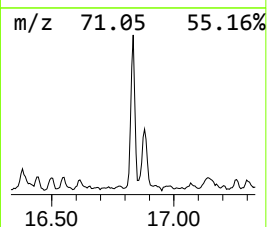
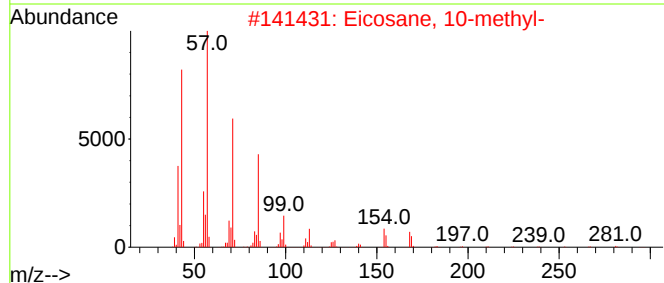
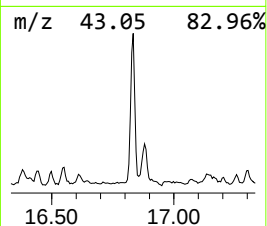
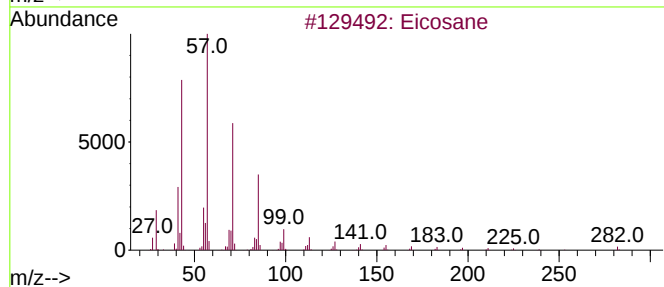
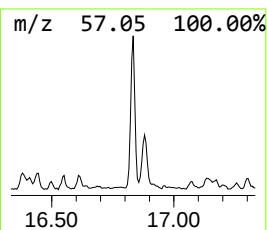
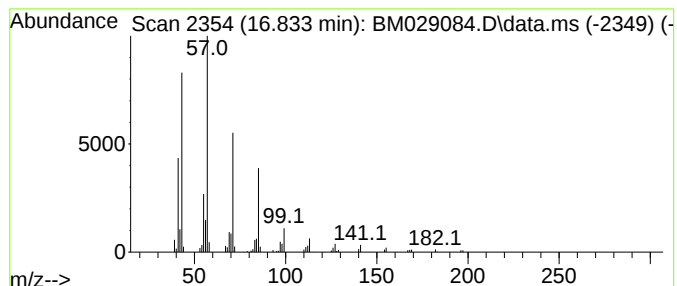
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.833	12.02 ng	104383	Phenanthrene-d10	17.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
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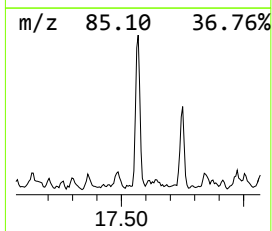
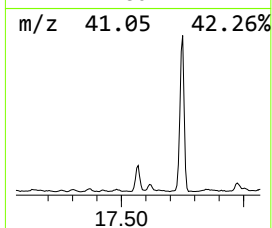
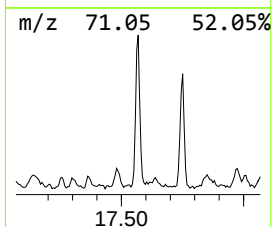
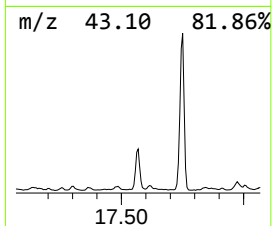
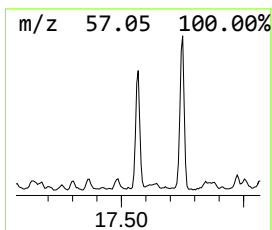
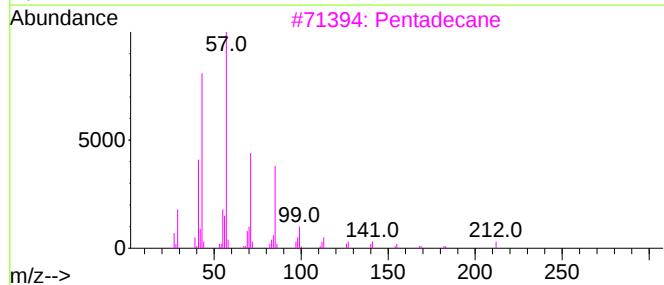
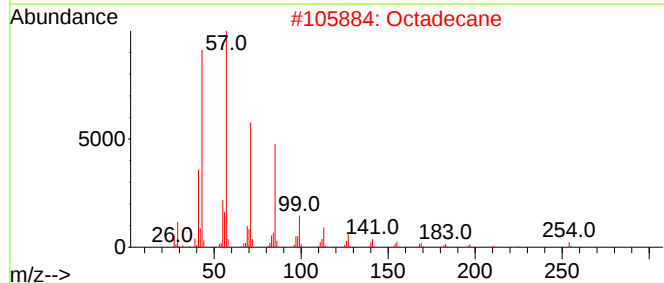
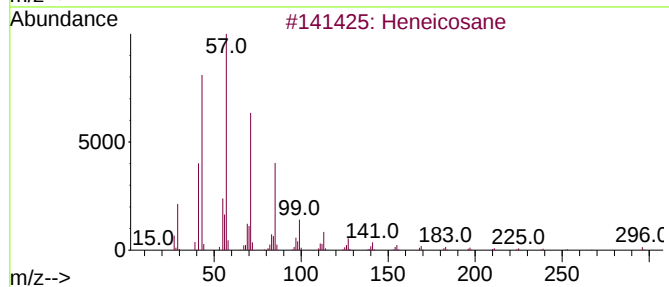
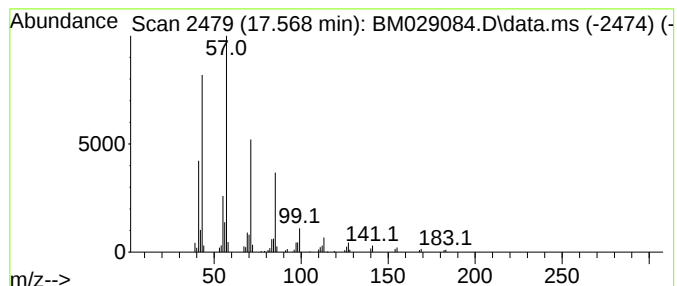
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.568	10.89 ng	94562	Phenanthrene-d10		17.080	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octadecane		254	C18H38	000593-45-3	91
3	Pentadecane		212	C15H32	000629-62-9	91
4	Tetradecane		198	C14H30	000629-59-4	91
5	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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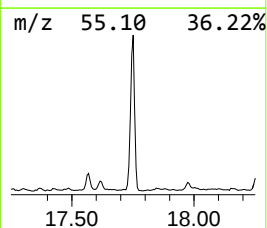
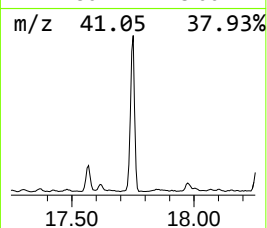
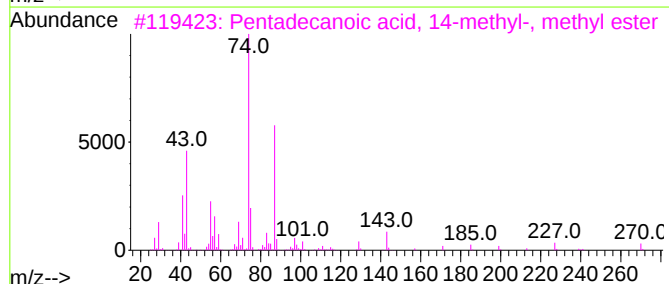
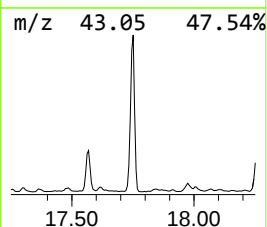
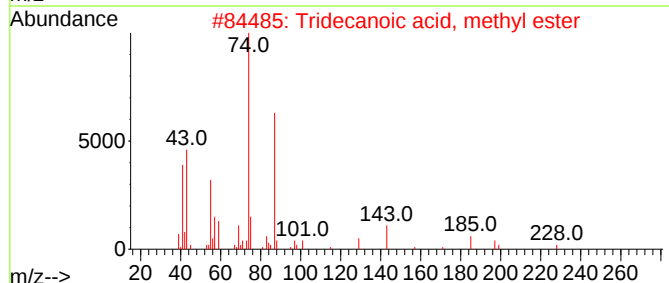
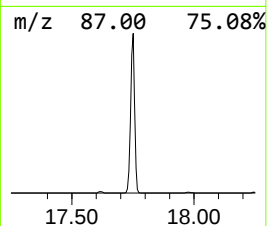
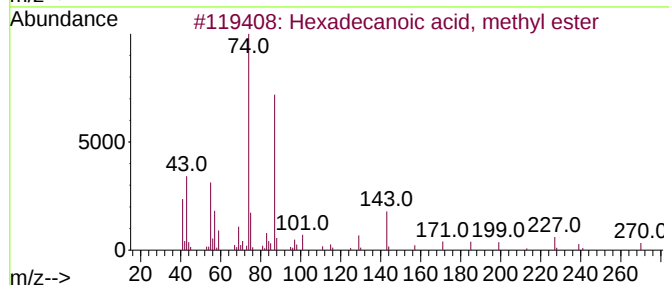
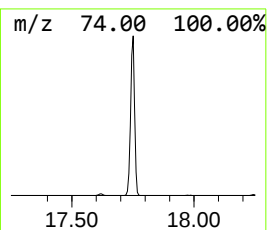
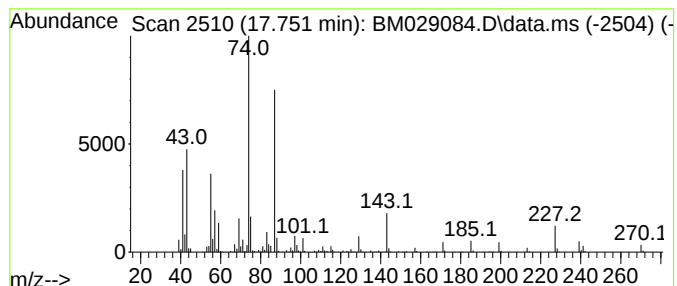
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	81.23 ng	705137	Phenanthrene-d10	17.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-030921

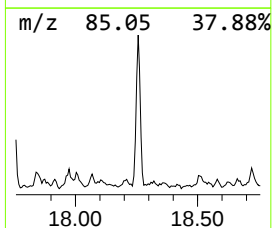
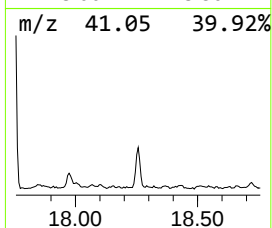
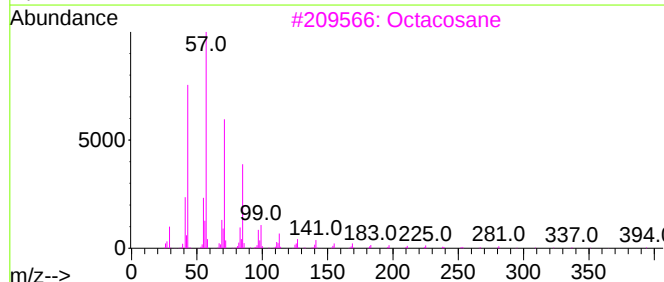
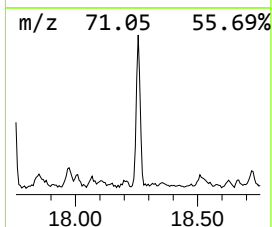
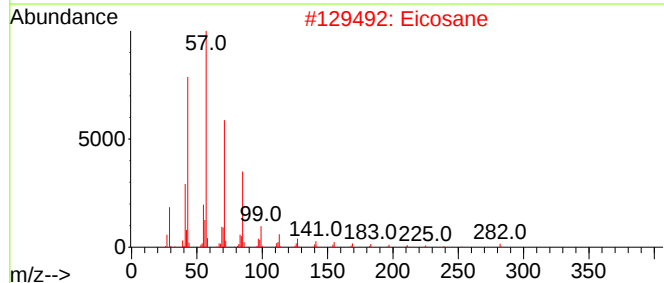
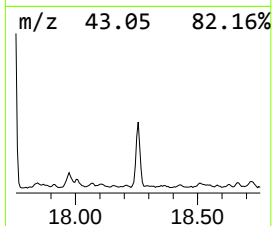
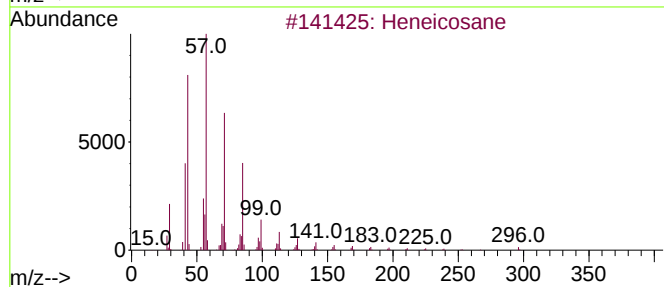
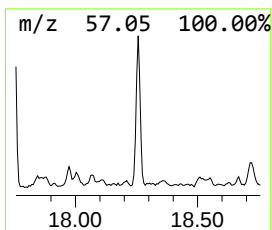
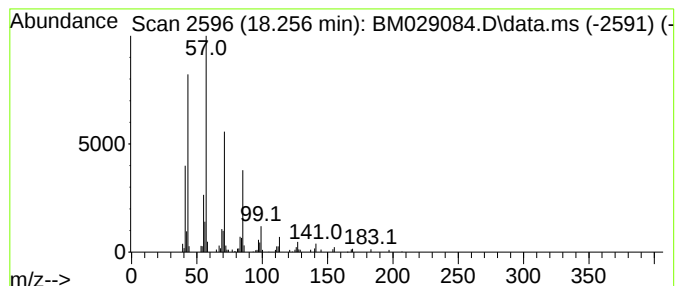
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	10.27 ng	89153	Phenanthrene-d10	17.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

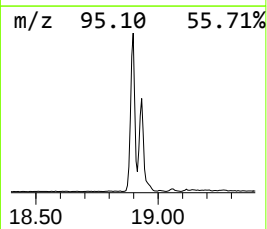
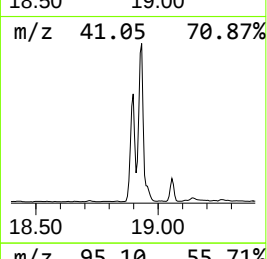
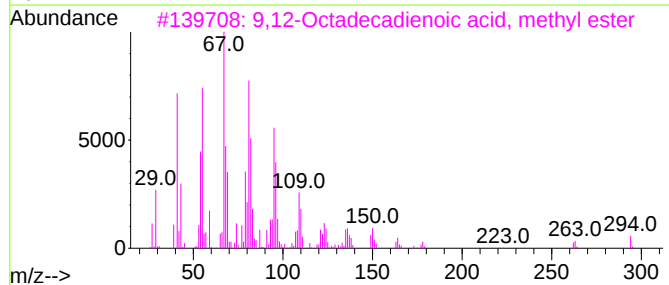
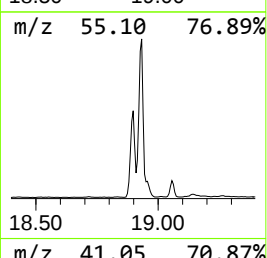
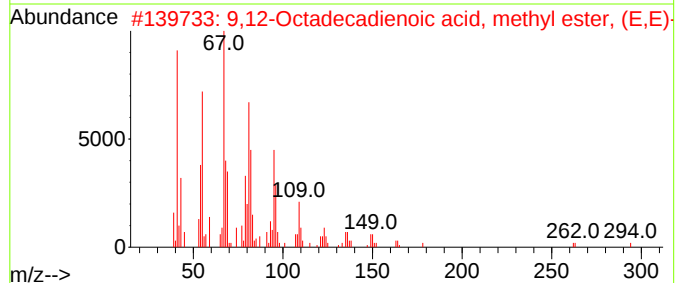
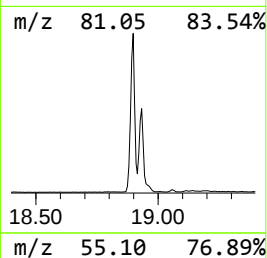
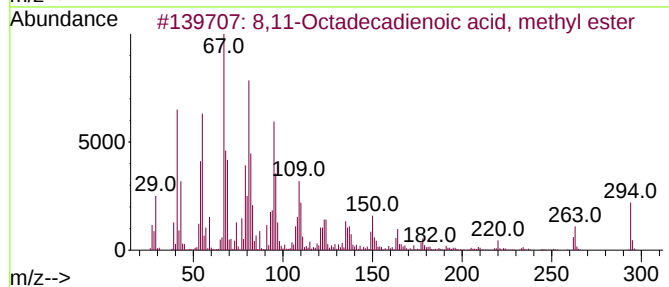
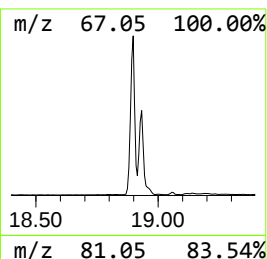
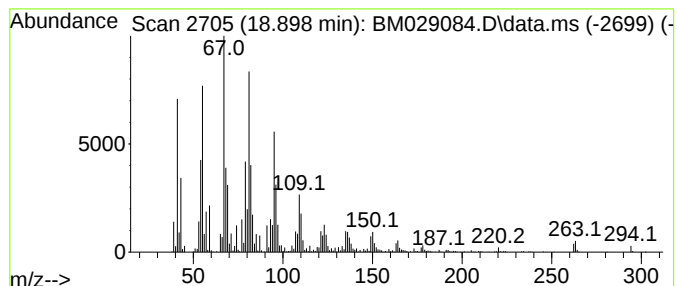
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BNA_M
ClientSampleId :
HD-02-030921

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 8,11-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.898	187.61 ng	1628610	Phenanthrene-d10	17.080	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-030921

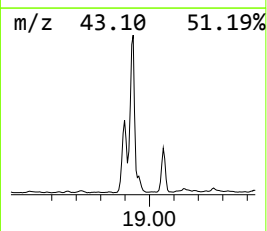
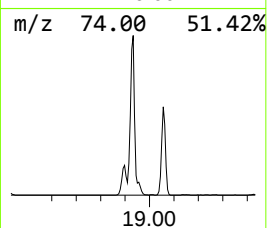
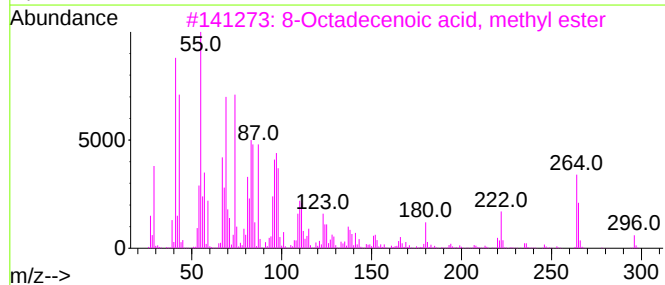
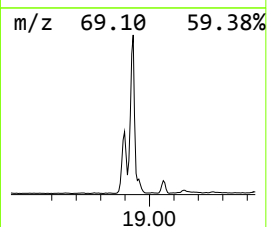
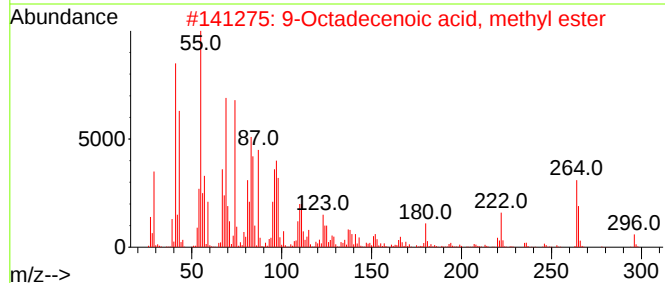
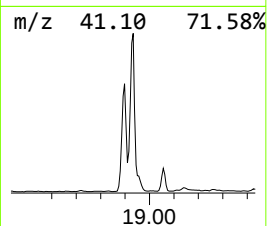
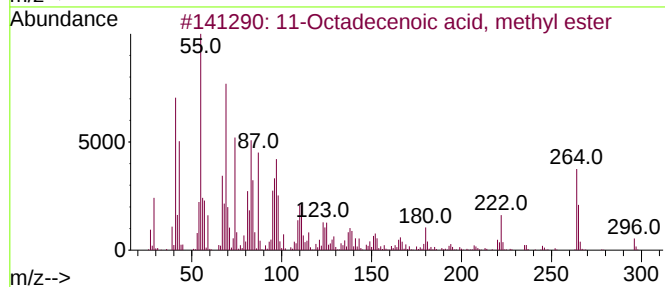
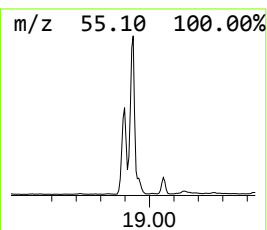
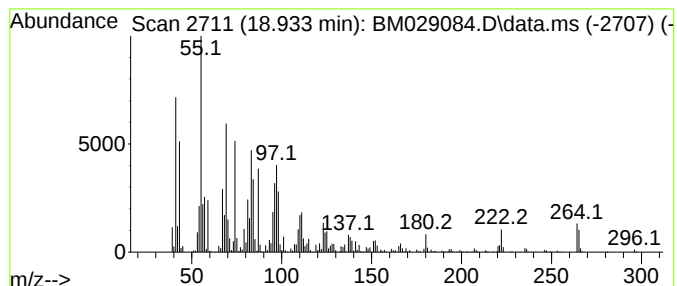
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 11-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	282.12 ng	2449100	Phenanthrene-d10	17.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-030921

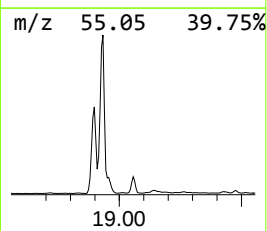
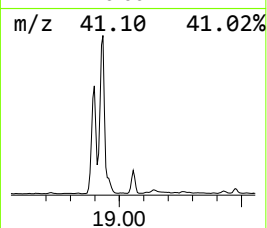
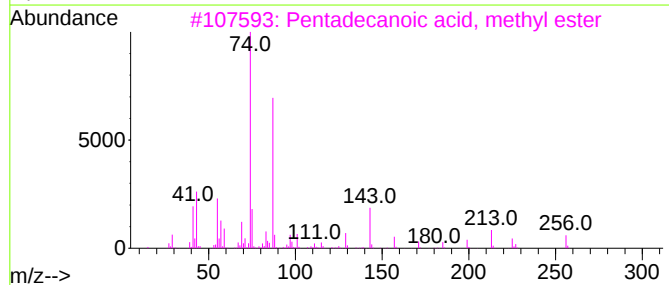
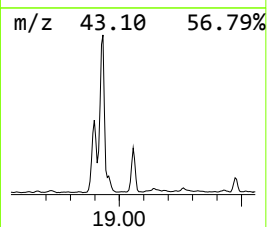
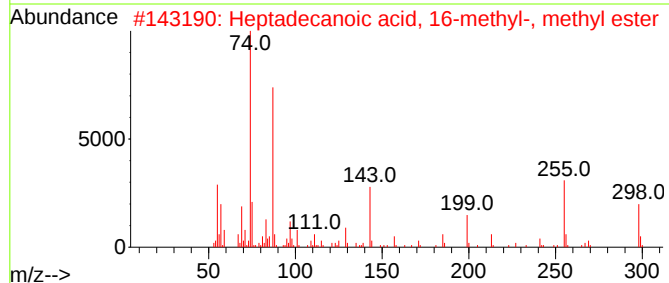
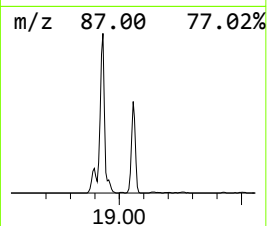
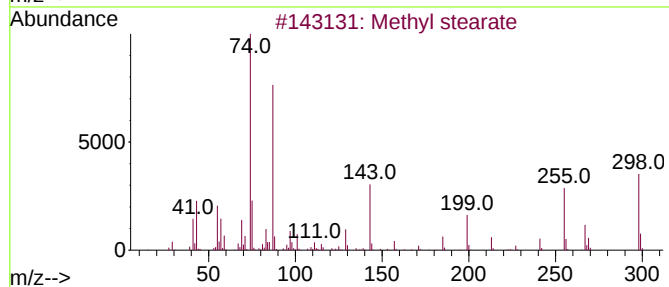
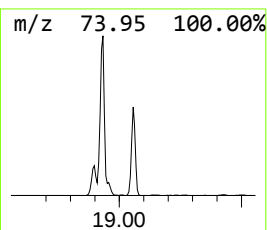
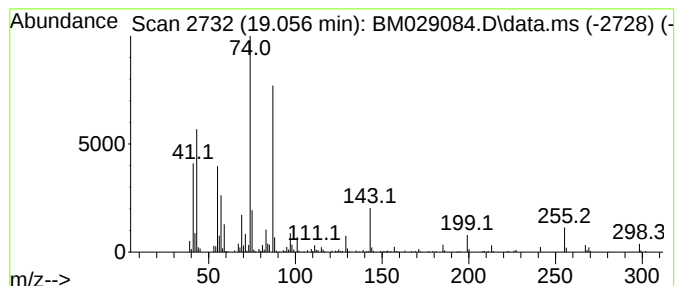
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	32.32 ng	280563	Phenanthrene-d10	17.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-030921

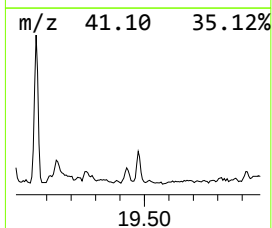
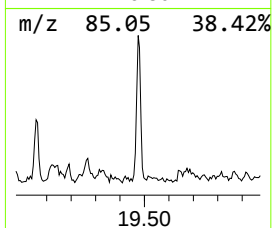
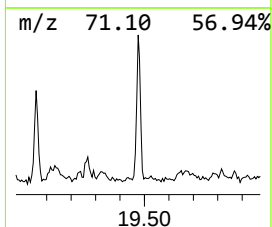
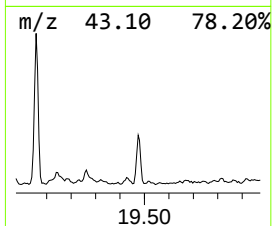
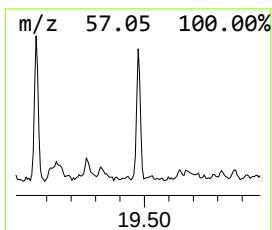
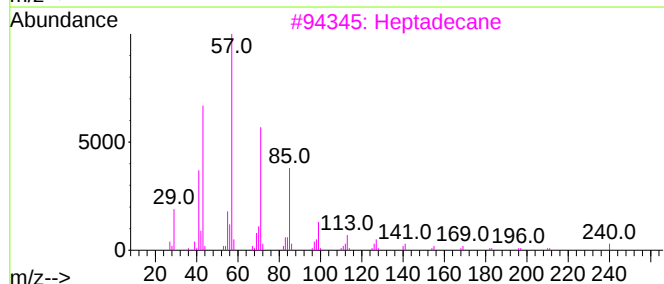
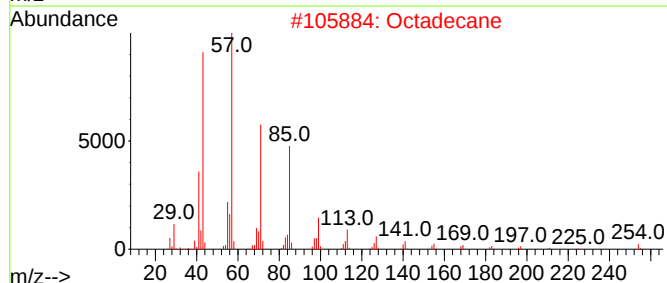
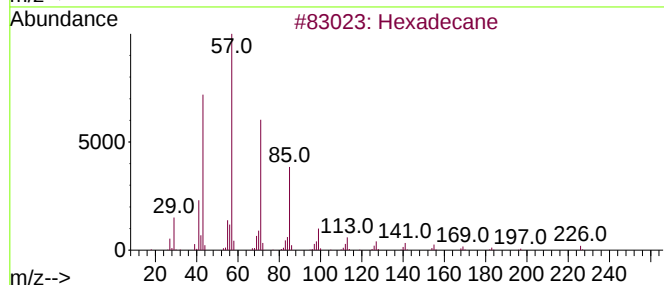
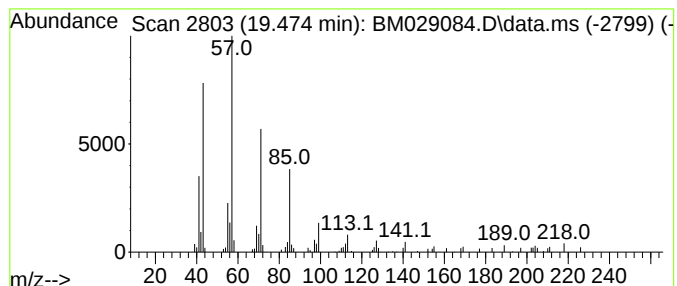
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	7.02 ng	56317	Chrysene-d12	21.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Octadecane	254	C18H38	000593-45-3	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-030921

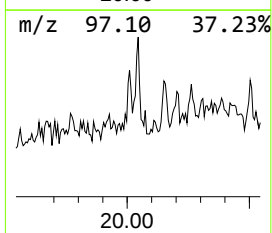
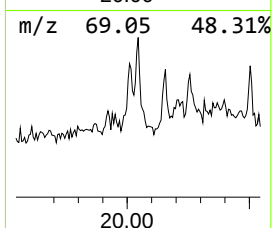
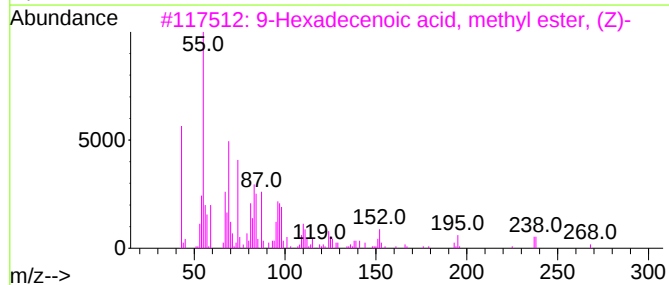
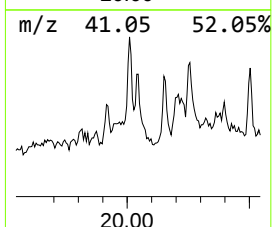
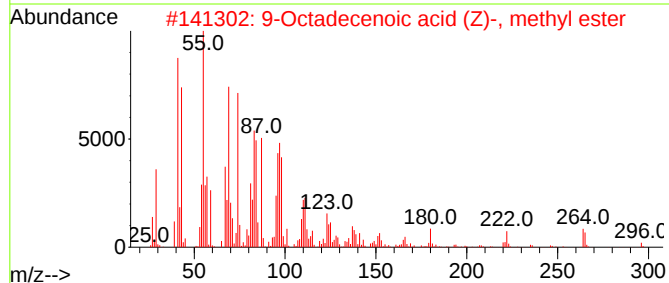
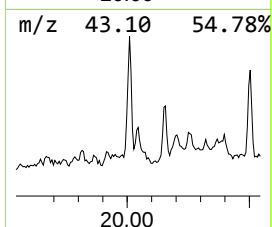
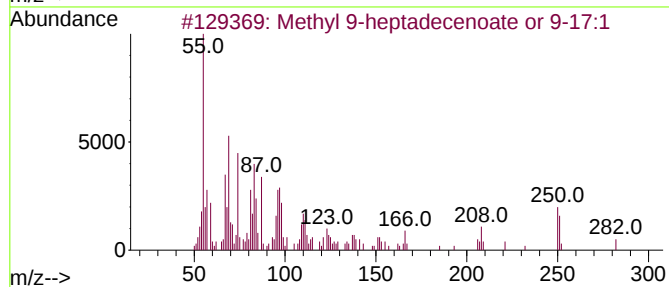
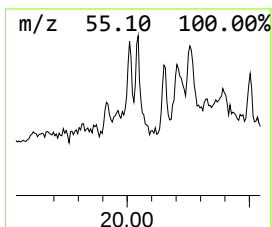
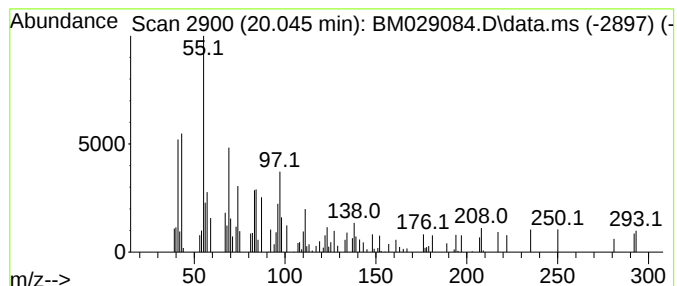
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown20.045 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	7.08 ng	56855	Chrysene-d12	21.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9-heptadecenoate or 9-17:1	282	C18H34O2	1000336-38-0	43
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	38
3			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	30
4			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	27
5			cis-Vaccenic acid	282	C18H34O2	000506-17-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-030921

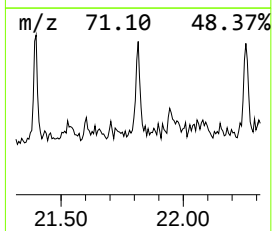
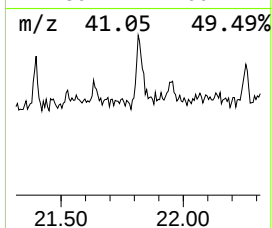
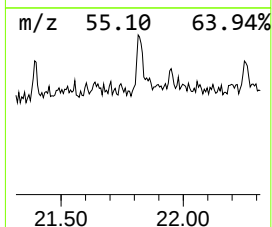
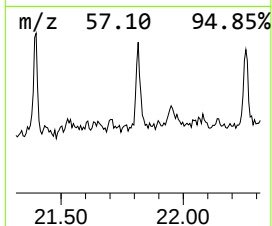
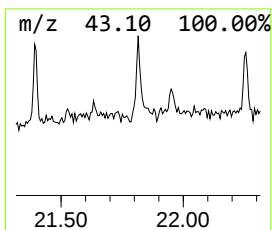
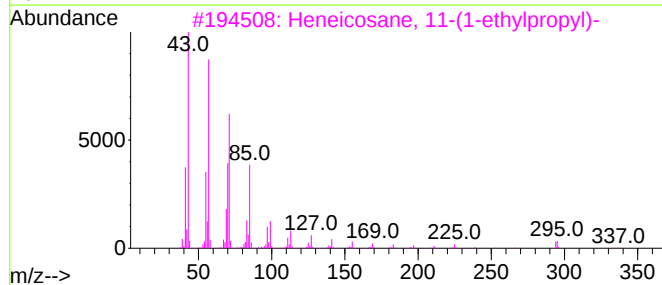
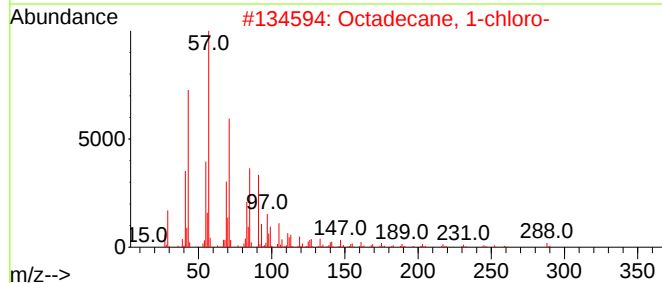
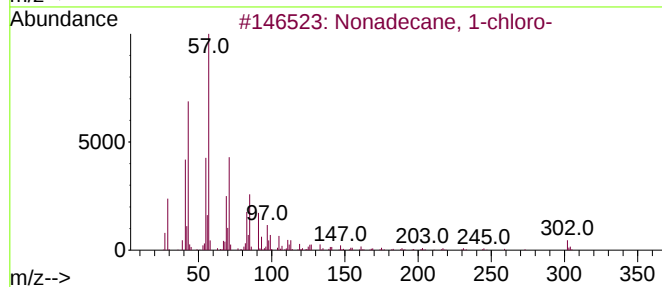
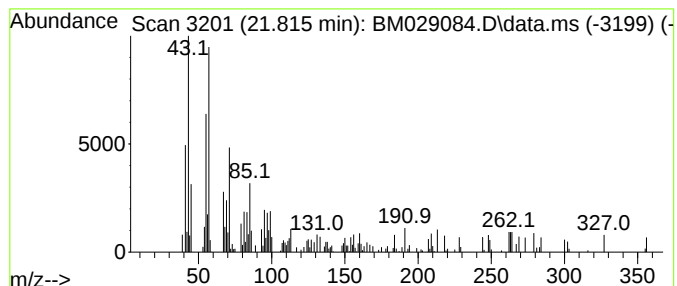
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Nonadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.815	6.26 ng	50263	Chrysene-d12	21.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	50
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	38
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	38
4			Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	38
5			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029084.D
Acq On : 10 Mar 2021 23:52
Operator : CG/JU
Sample : M1608-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

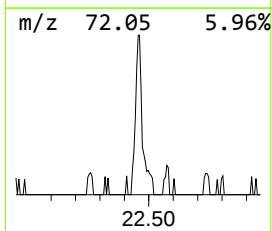
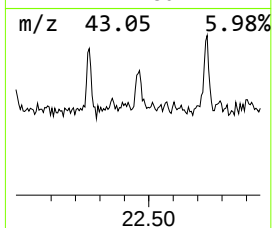
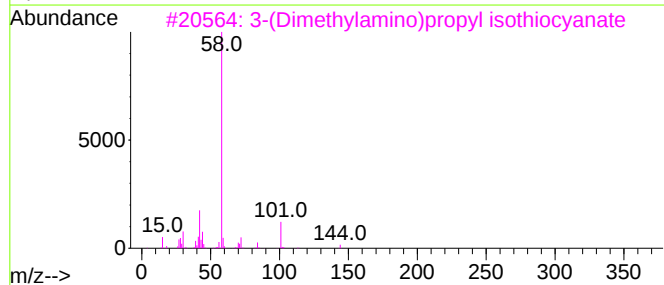
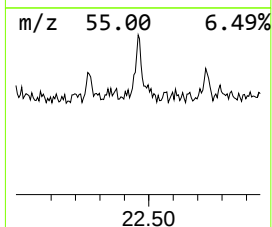
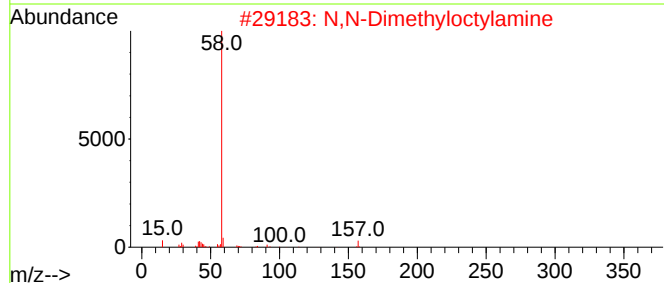
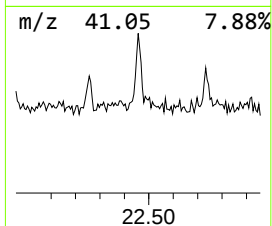
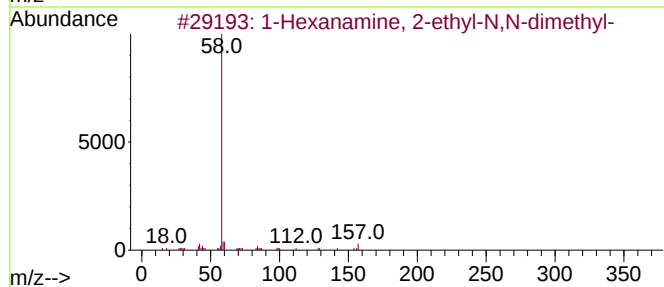
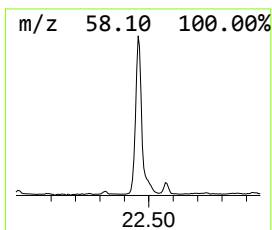
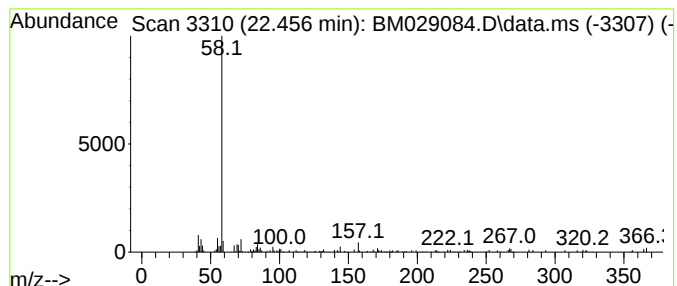
Instrument :
BNA_M
ClientSampleId :
HD-02-030921

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.456	10.07 ng	82094	Perylene-d12		23.409	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexanamine, 2-ethyl-N,N-dimethyl-		157	C10H23N	028056-87-3	72
2	N,N-Dimethyloctylamine		157	C10H23N	007378-99-6	72
3	3-(Dimethylamino)propyl isothioc...		144	C6H12N2S	027421-70-1	64
4	Trifluomeprazine		366	C19H21F3N2S	002622-37-9	64
5	2-Butanone, 4-(dimethylamino)-3-...		129	C7H15NO	022104-62-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
 Data File : BM029084.D
 Acq On : 10 Mar 2021 23:52
 Operator : CG/JU
 Sample : M1608-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-030921

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	11.645	5.8	ng	24956	2	10.457	86194	20.0
Hexadecane	11.869	17.7	ng	76113	2	10.457	86194	20.0
Tetradecane	13.139	13.9	ng	99715	3	14.333	143254	20.0
Silane, trichlo...	13.798	5.9	ng	42299	3	14.333	143254	20.0
Pentadecane	14.222	16.0	ng	114752	3	14.333	143254	20.0
Dodecanoic acid...	14.457	8.2	ng	58632	3	14.333	143254	20.0
Tridecane	15.180	15.7	ng	112559	3	14.333	143254	20.0
Tetracosane	15.586	8.0	ng	57349	3	14.333	143254	20.0
Heptadecane	16.039	19.0	ng	164835	4	17.080	173619	20.0
Eicosane	16.833	12.0	ng	104383	4	17.080	173619	20.0
Heneicosane	17.568	10.9	ng	94562	4	17.080	173619	20.0
Hexadecanoic ac...	17.751	81.2	ng	705137	4	17.080	173619	20.0
Octacosane	18.256	10.3	ng	89153	4	17.080	173619	20.0
8,11-Octadecadi...	18.898	187.6	ng	1628610	4	17.080	173619	20.0
11-Octadecenoic...	18.933	282.1	ng	2449100	4	17.080	173619	20.0
Methyl stearate	19.057	32.3	ng	280563	4	17.080	173619	20.0
Octadecane	19.474	7.0	ng	56317	5	21.256	160512	20.0
unknown20.045	20.045	7.1	ng	56855	5	21.256	160512	20.0
Nonadecane, 1-C...	21.815	6.3	ng	50263	5	21.256	160512	20.0
1-Hexanamine, 2...	22.456	10.1	ng	82094	6	23.409	163115	20.0