

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029256.D
 Acq On : 29 Mar 2021 22:21
 Operator : CG/JU
 Sample : M1828-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB13(25-26)

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-BM032621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029256.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.010	17	21	26	rBV	442438	549274	1.72%	0.622%
2	5.351	412	419	430	rBV	1872968	2613899	8.19%	2.958%
3	6.922	679	686	696	rBV	1841222	2857408	8.96%	3.234%
4	7.751	820	827	836	rVB	517429	824857	2.59%	0.933%
5	8.904	1012	1023	1034	rBV	1052879	1815284	5.69%	2.054%
6	10.528	1290	1299	1310	rVB2	779949	1732606	5.43%	1.961%
7	10.704	1325	1329	1335	rVB	370083	554218	1.74%	0.627%
8	11.239	1409	1420	1423	rBV2	222294	543027	1.70%	0.615%
9	11.457	1452	1457	1465	rVB2	297294	577356	1.81%	0.653%
10	11.569	1465	1476	1485	rBV2	730033	1530421	4.80%	1.732%
11	11.969	1536	1544	1554	rBV	974564	1715158	5.38%	1.941%
12	12.186	1578	1581	1588	rVB	258842	402994	1.26%	0.456%
13	12.651	1655	1660	1667	rVB3	257819	565097	1.77%	0.640%
14	12.786	1678	1683	1687	rBV	313617	450401	1.41%	0.510%
15	12.869	1693	1697	1702	rBV	249781	375416	1.18%	0.425%
16	12.927	1702	1707	1711	rVV	753492	1044717	3.28%	1.182%
17	12.998	1711	1719	1727	rVB	2164276	3384511	10.61%	3.830%
18	13.216	1748	1756	1764	rBV	1076318	1839651	5.77%	2.082%
19	13.874	1859	1868	1872	rVV3	676781	1282258	4.02%	1.451%
20	13.916	1872	1875	1883	rVB	247478	371811	1.17%	0.421%
21	14.286	1933	1938	1946	rVV	539842	777973	2.44%	0.880%
22	14.374	1946	1953	1964	rVB	1009682	1666745	5.23%	1.886%
23	15.857	2199	2205	2212	rBV	1951103	2809752	8.81%	3.180%
24	17.115	2412	2419	2425	rBV	1109942	1605700	5.03%	1.817%
25	18.015	2566	2572	2590	rBV	891230	1487961	4.66%	1.684%
26	19.004	2736	2740	2746	rVB	704840	815272	2.56%	0.923%
27	19.209	2760	2775	2788	rBV	13520878	31896893	100.00%	36.097%
28	19.309	2788	2792	2809	rVB	1541513	2979453	9.34%	3.372%
29	19.739	2859	2865	2872	rVB	3245215	4079681	12.79%	4.617%
30	20.368	2968	2972	2980	rBV	993283	1325848	4.16%	1.500%
31	20.945	3064	3070	3077	rBV2	818362	1377910	4.32%	1.559%
32	21.003	3077	3080	3084	rVB	333051	382178	1.20%	0.433%
33	21.280	3123	3127	3134	rVB	1425242	1778082	5.57%	2.012%
34	21.933	3232	3238	3249	rBV	3704367	6522236	20.45%	7.381%
35	23.515	3502	3507	3518	rVB2	977765	1932124	6.06%	2.187%
36	26.585	4022	4029	4042	rVB2	650233	1895890	5.94%	2.146%

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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-BM032621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

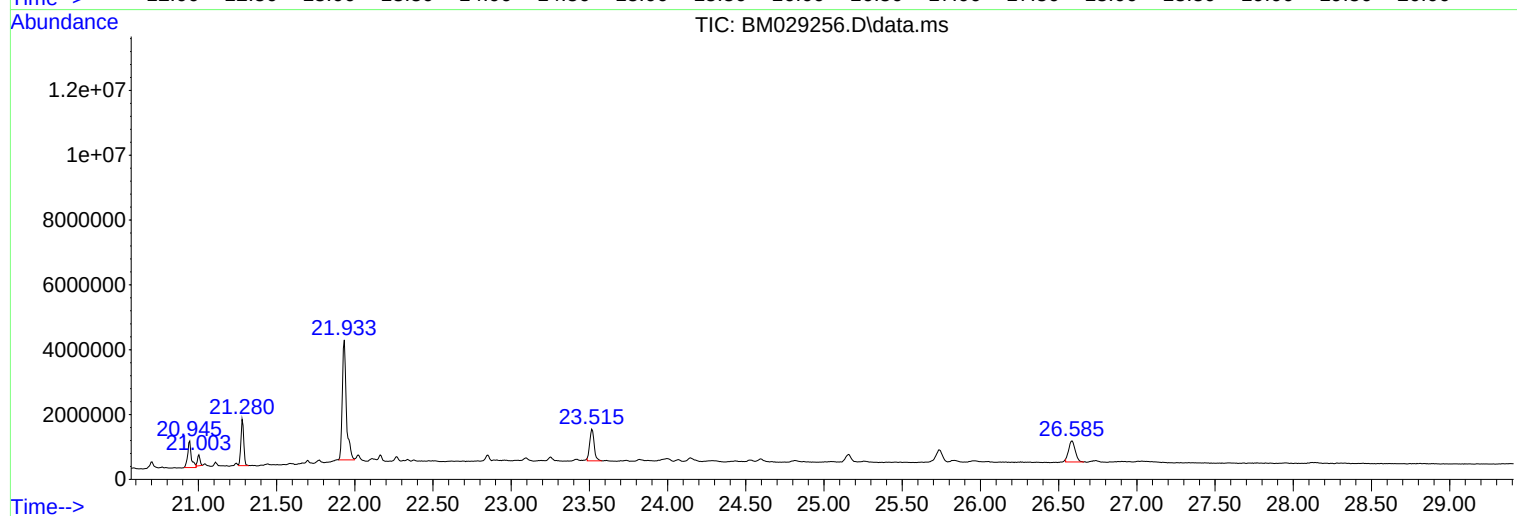
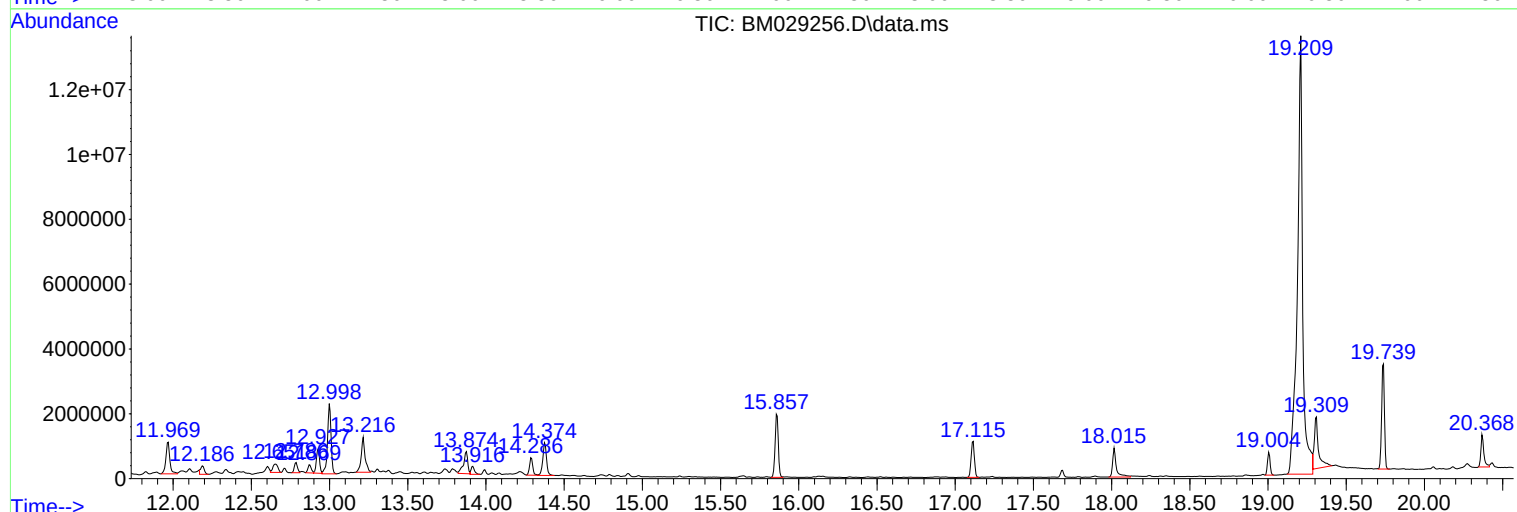
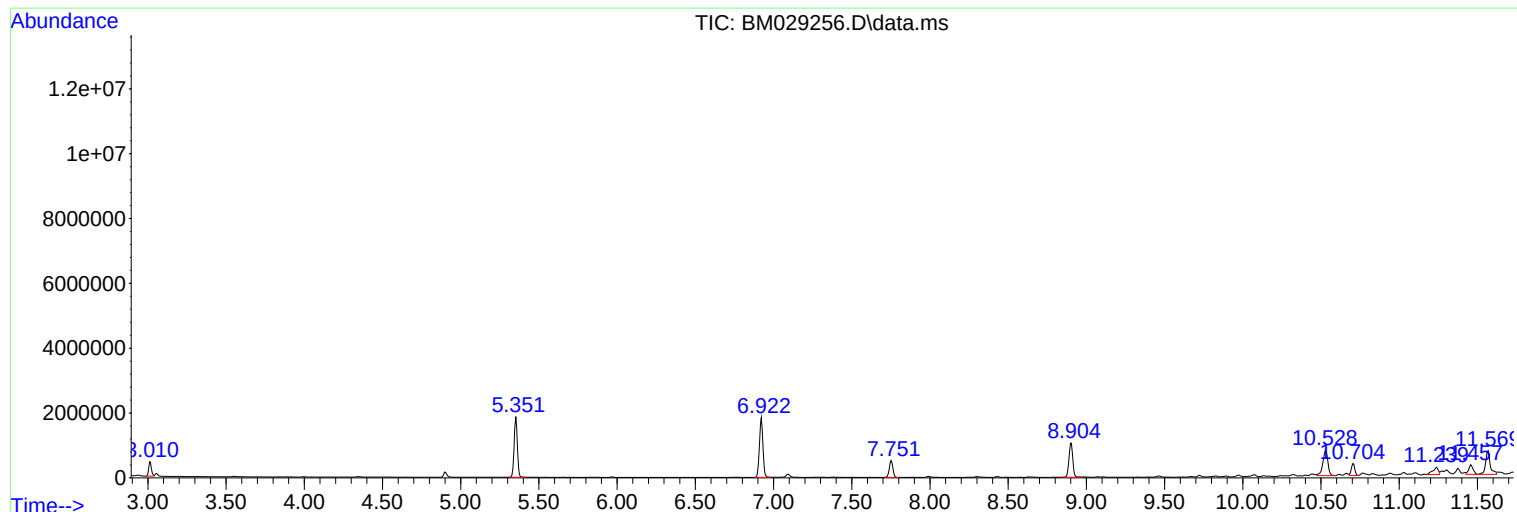
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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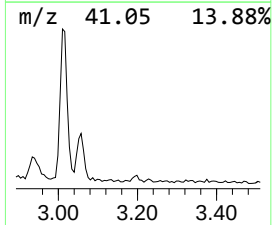
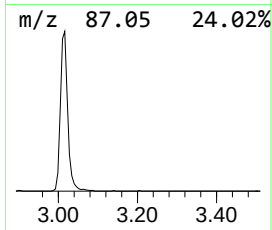
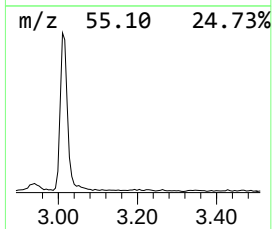
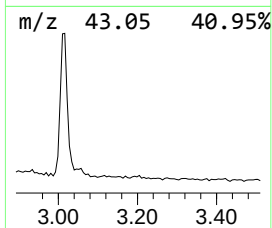
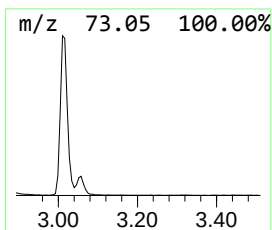
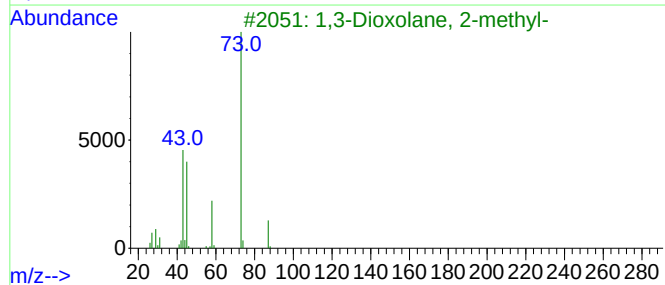
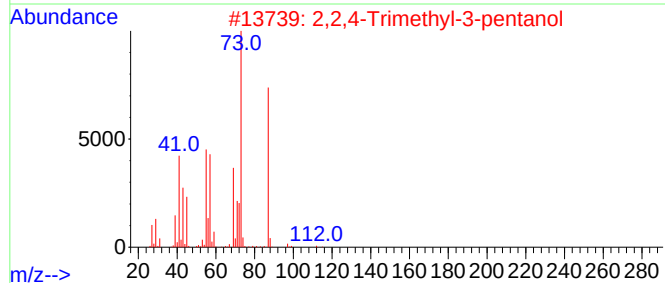
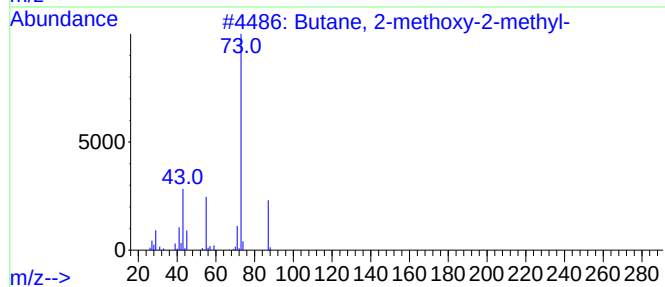
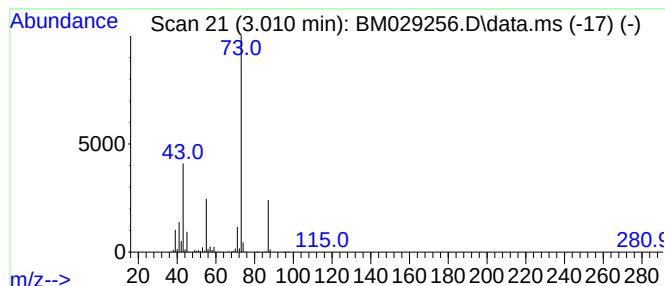
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.010	13.32 ng	549274	1,4-Dichlorobenzene-d4	7.751

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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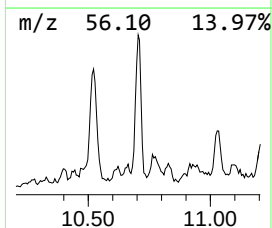
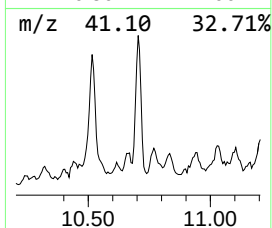
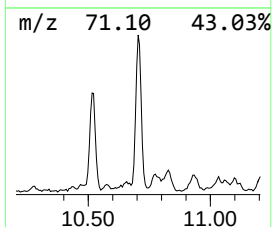
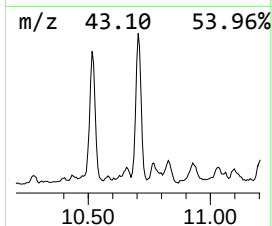
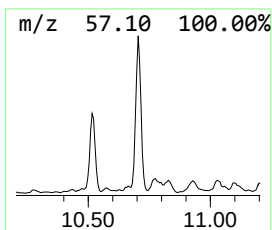
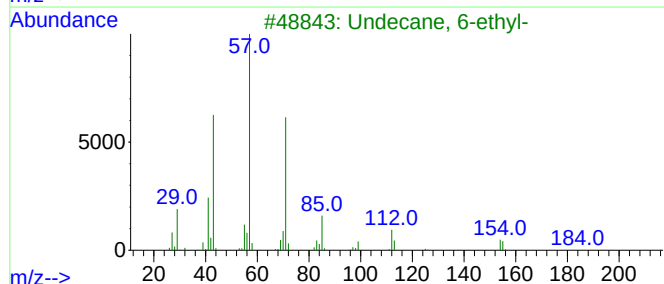
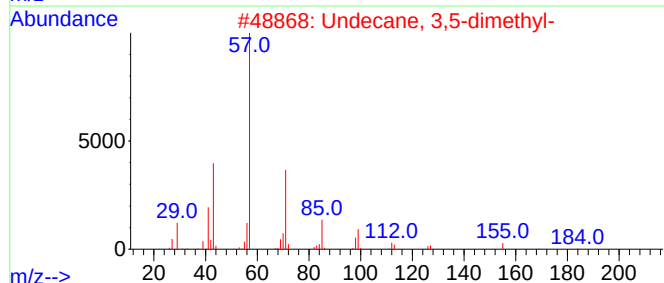
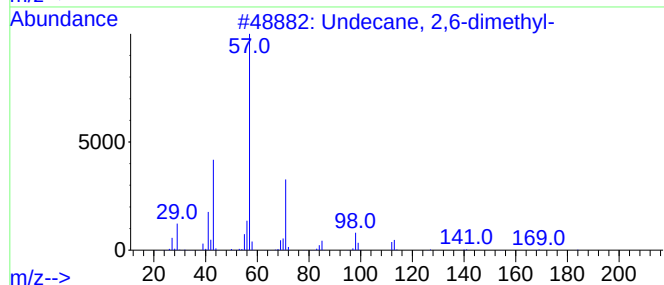
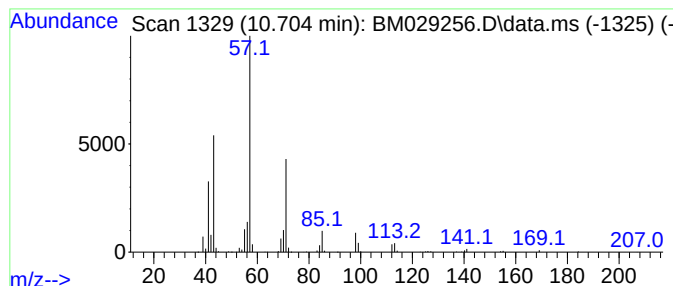
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Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	6.40 ng	554218	Naphthalene-d8	10.534

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



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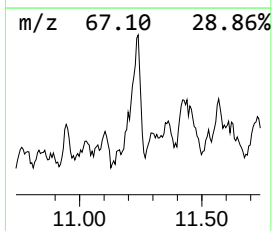
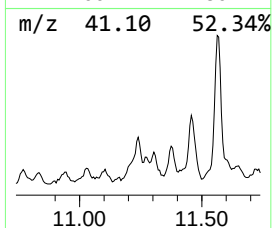
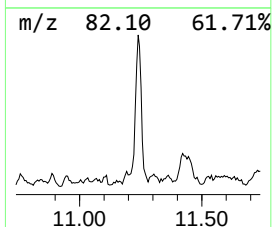
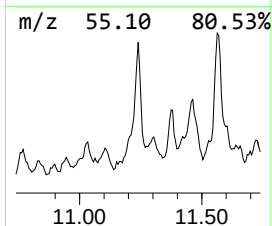
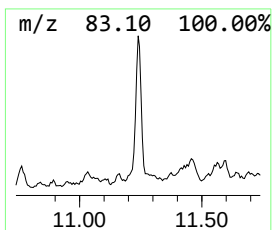
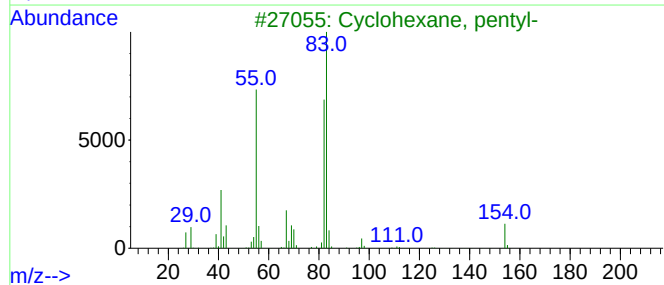
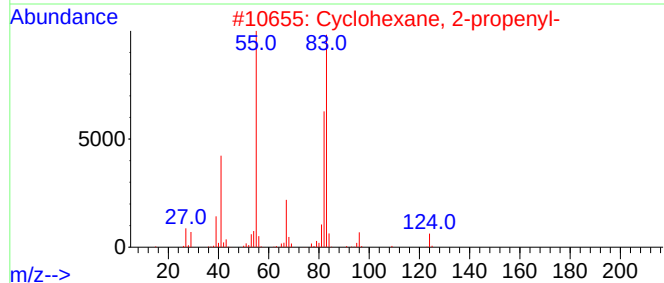
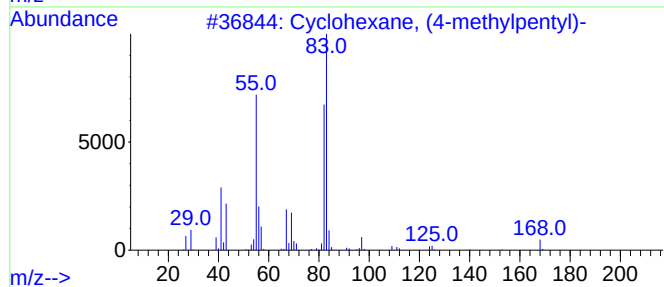
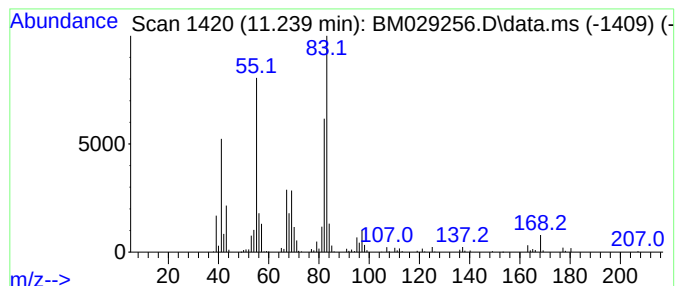
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	6.27 ng	543027	Naphthalene-d8	10.534

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	83
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



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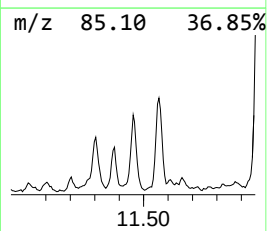
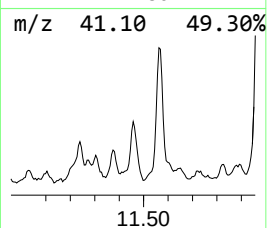
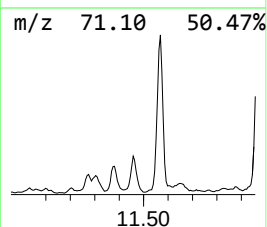
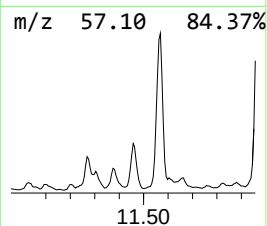
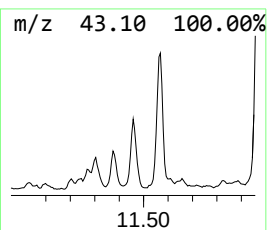
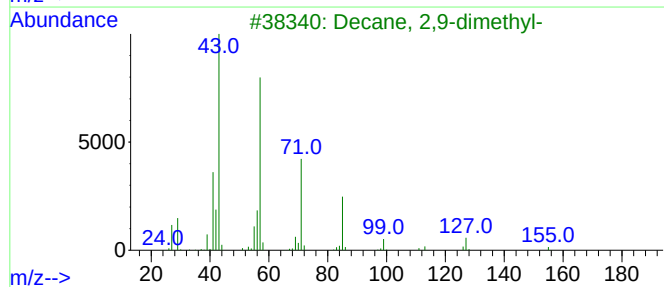
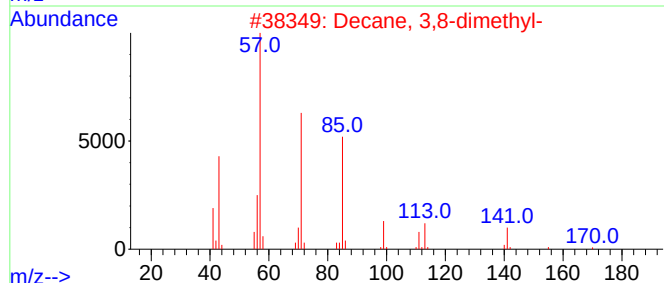
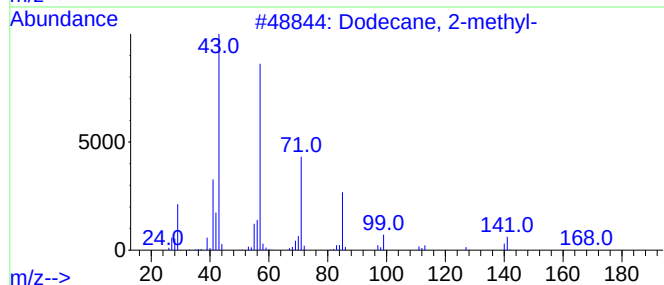
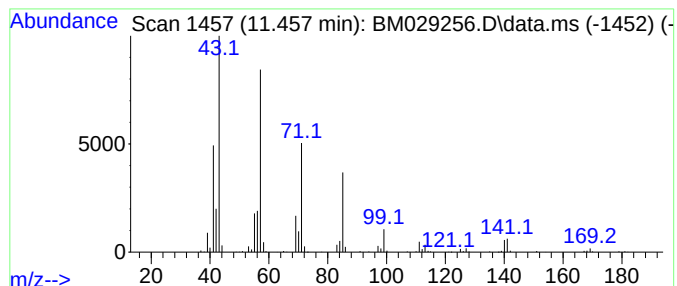
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	6.66 ng	577356	Naphthalene-d8	10.534

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
4			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64



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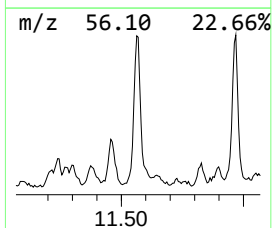
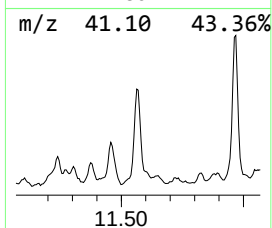
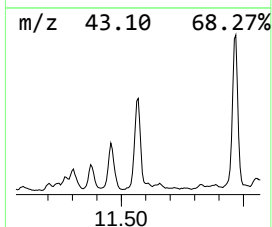
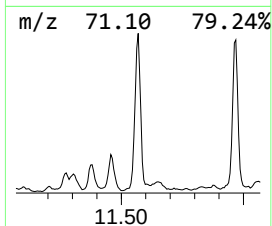
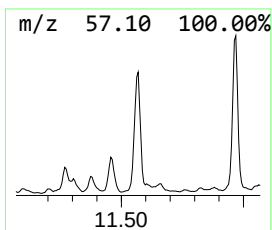
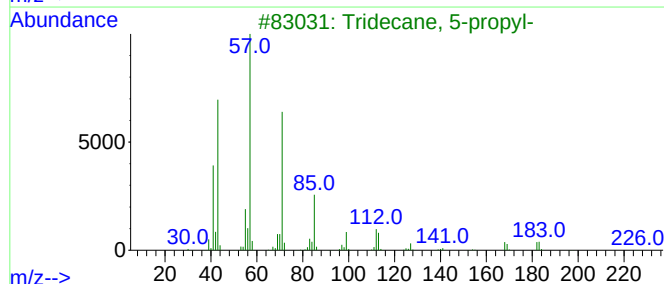
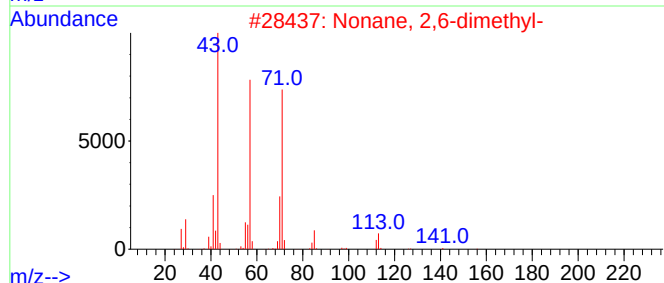
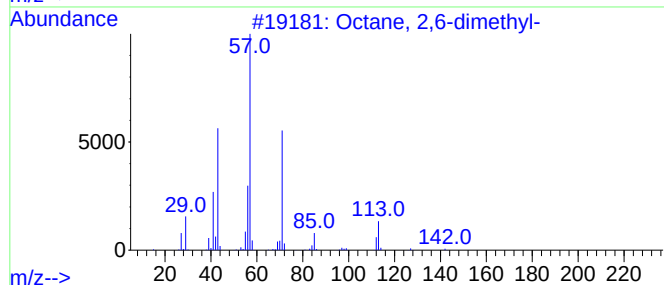
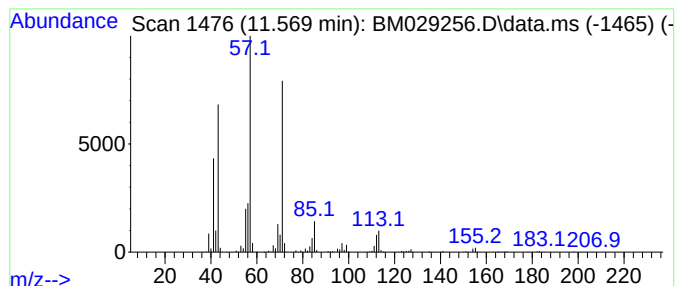
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.569	17.67 ng	1530420	Naphthalene-d8	10.534

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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Acq On : 29 Mar 2021 22:21
Operator : CG/JU
Sample : M1828-02
Misc :
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Instrument :
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ClientSampleId :
FS-SB13(25-26)

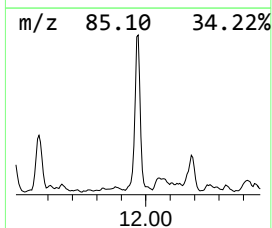
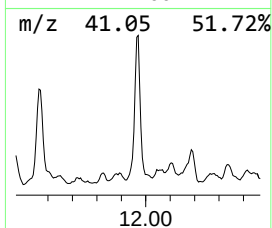
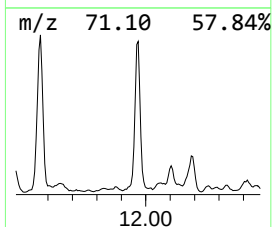
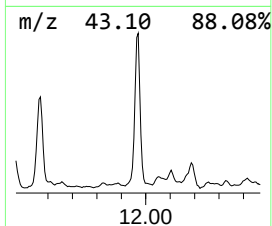
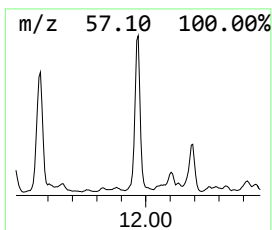
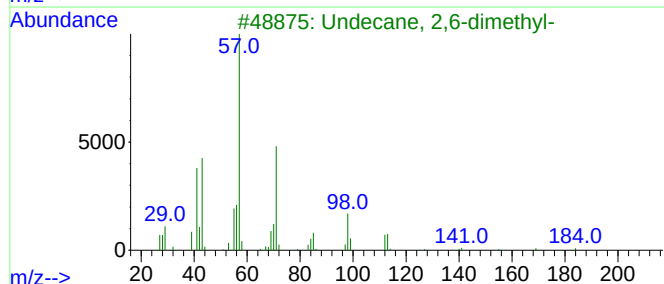
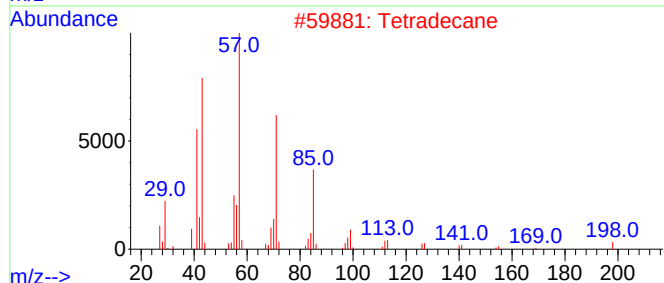
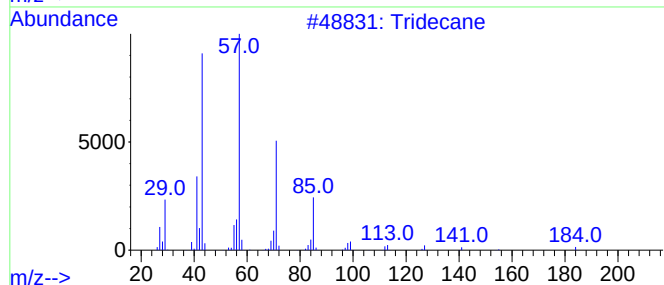
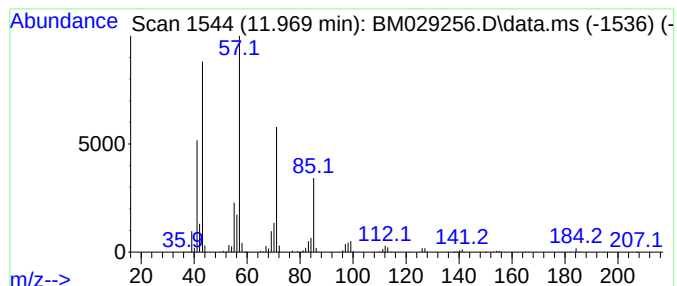
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	19.80 ng	1715160	Naphthalene-d8	10.534

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	93
2		Tetradecane	198	C14H30	000629-59-4	86
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
4		Octadecane	254	C18H38	000593-45-3	80
5		Heneicosane	296	C21H44	000629-94-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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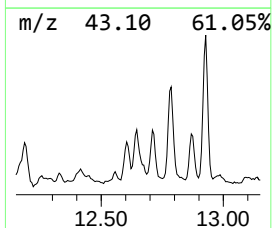
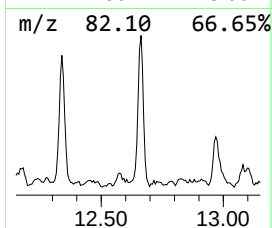
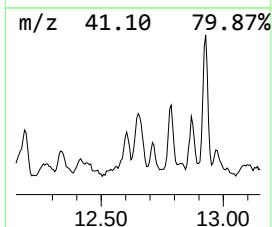
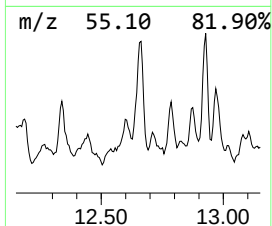
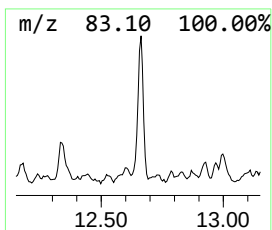
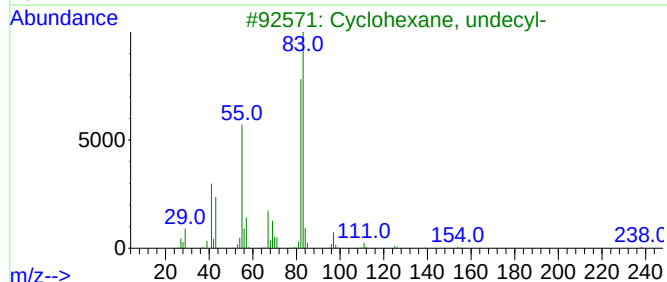
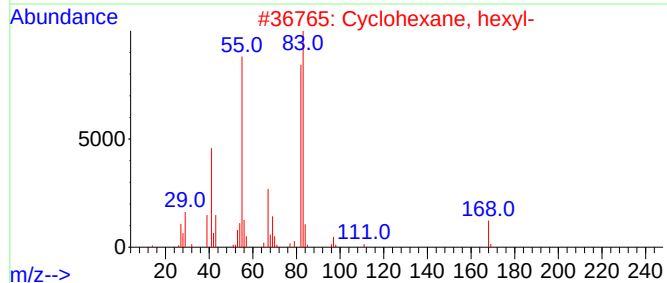
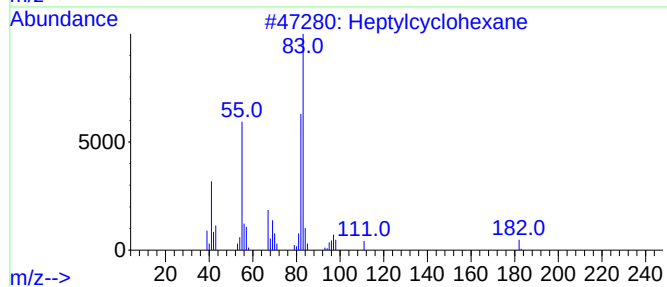
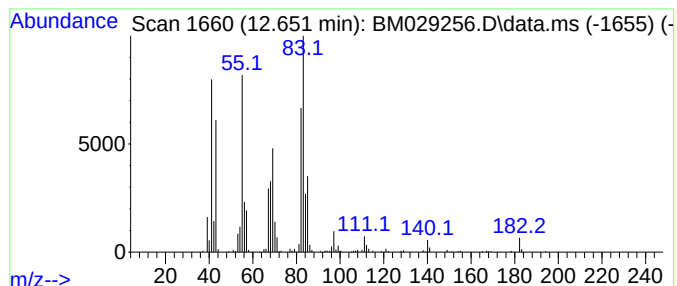
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	6.78 ng	565097	Acenaphthene-d10	14.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	64
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3			Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
Acq On : 29 Mar 2021 22:21
Operator : CG/JU
Sample : M1828-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB13(25-26)

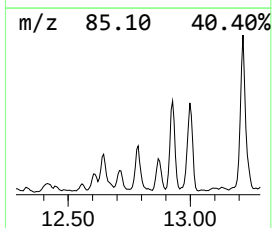
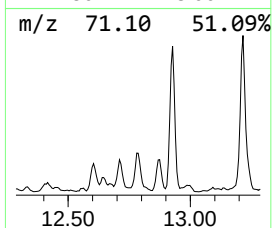
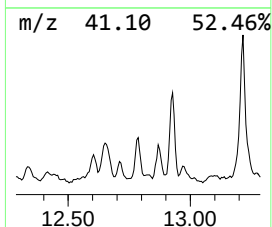
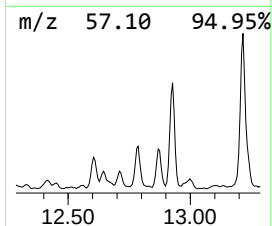
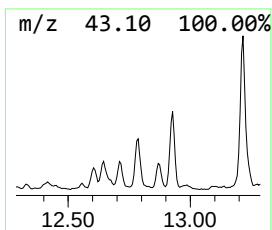
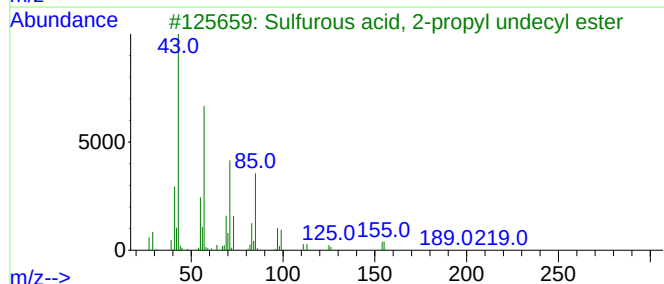
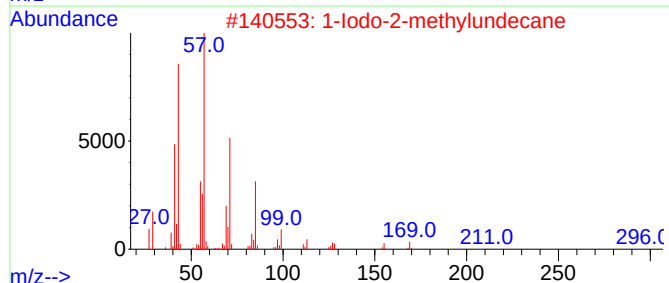
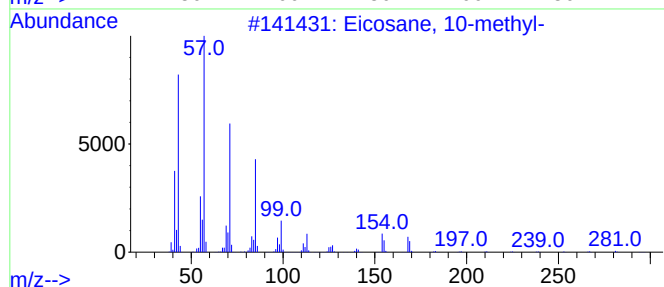
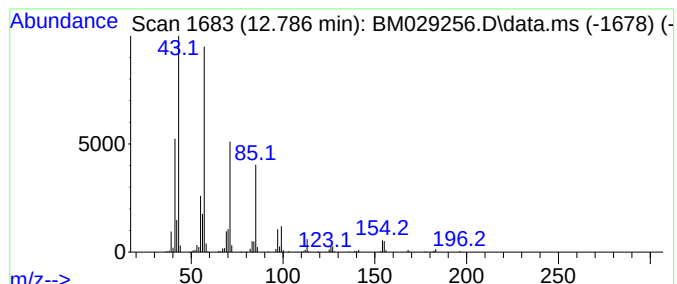
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane, 10-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	5.40 ng	450401	Acenaphthene-d10	14.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
3			Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	86
4			Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	80
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
Acq On : 29 Mar 2021 22:21
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB13(25-26)

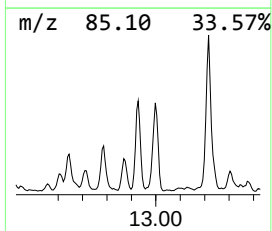
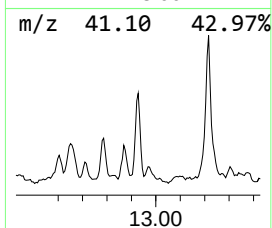
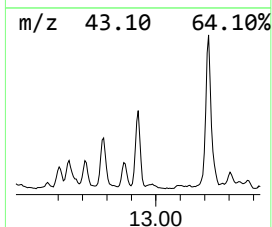
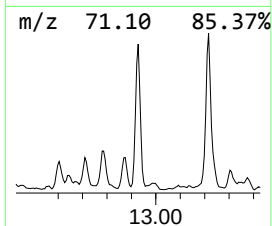
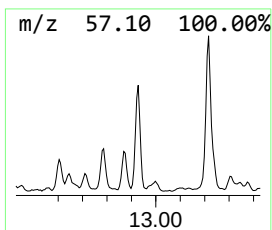
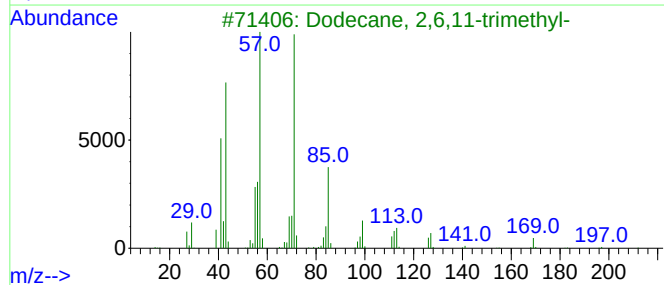
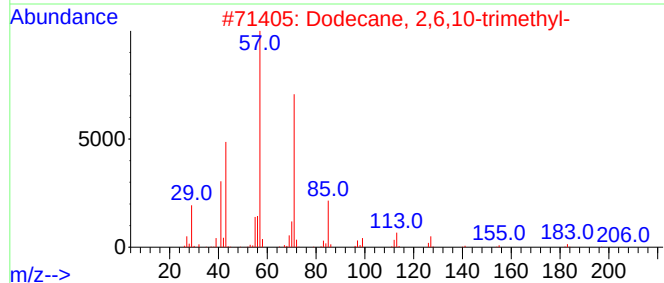
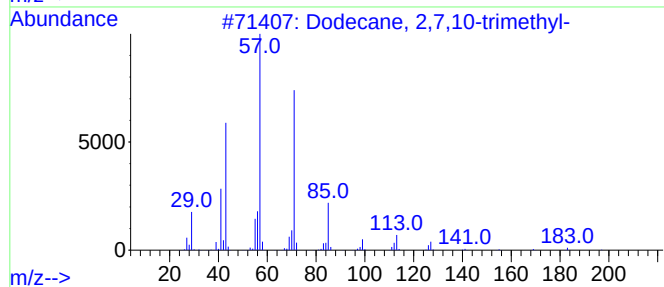
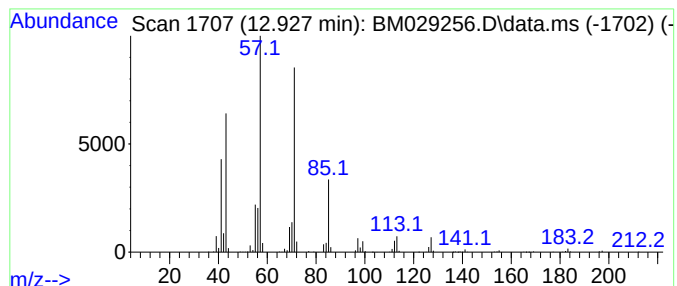
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.927	12.54 ng	1044720	Acenaphthene-d10	14.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
5			Decane, 3-methyl-	156	C11H24	013151-34-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
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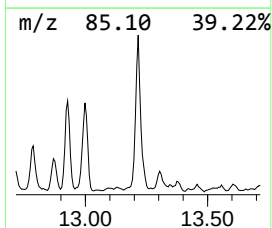
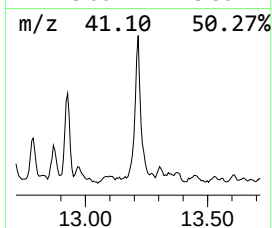
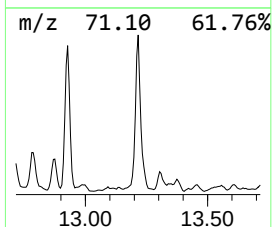
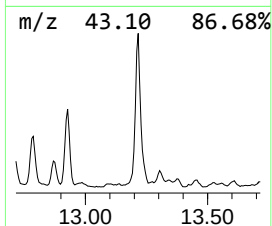
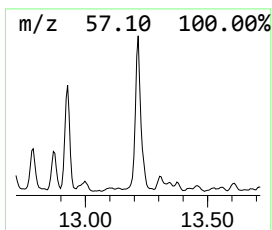
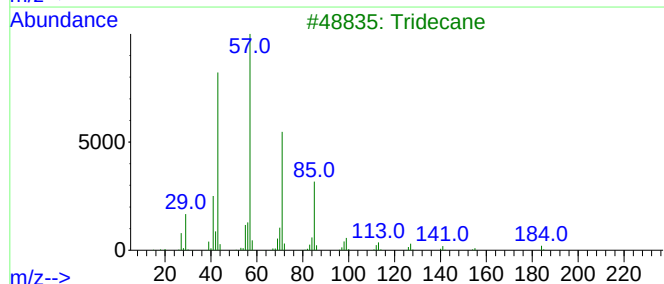
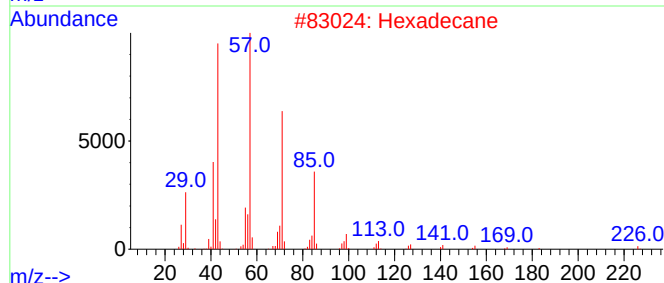
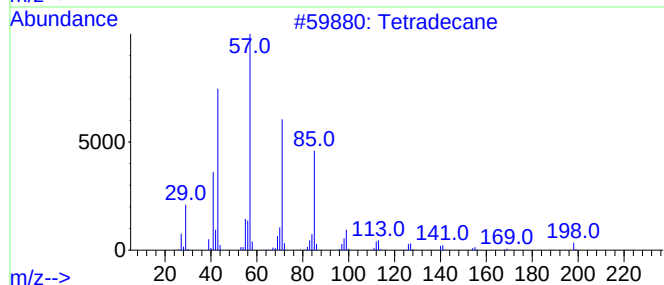
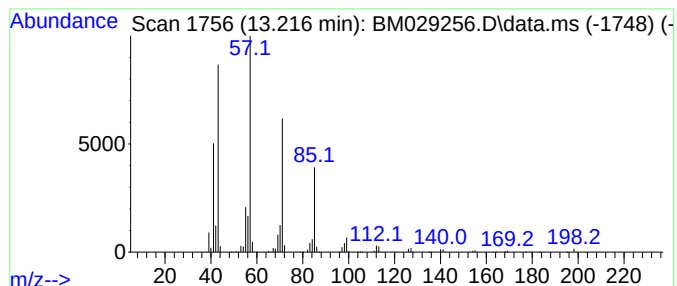
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	22.07 ng	1839650	Acenaphthene-d10	14.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	83
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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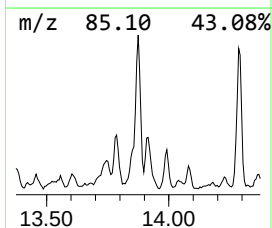
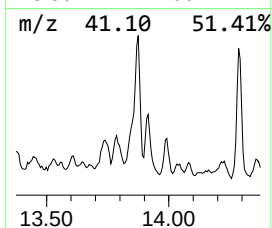
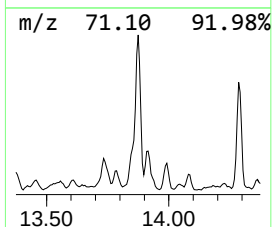
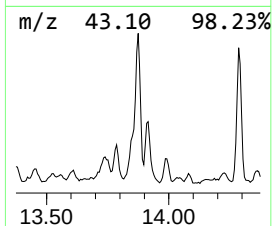
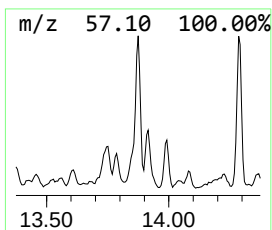
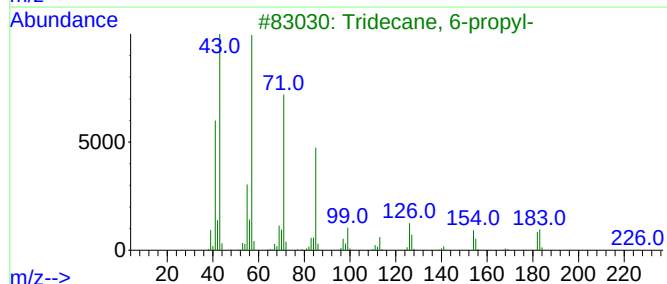
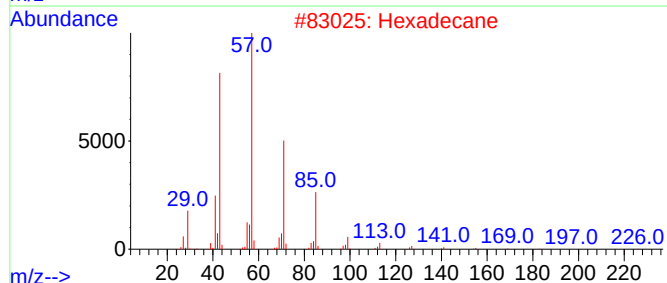
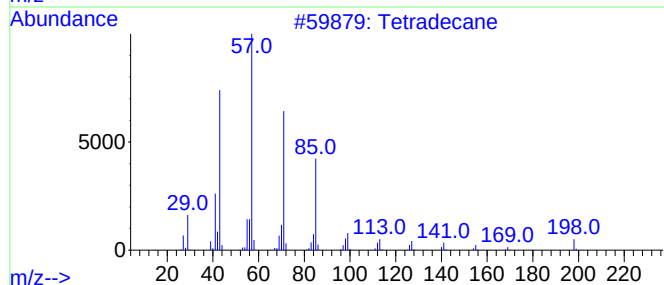
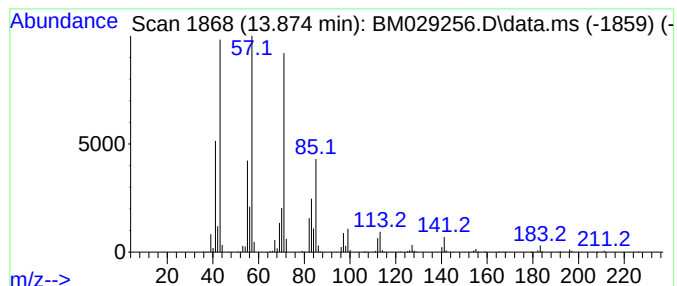
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	15.39 ng	1282260	Acenaphthene-d10	14.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	80
2			Hexadecane	226	C16H34	000544-76-3	76
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
5			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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Acq On : 29 Mar 2021 22:21
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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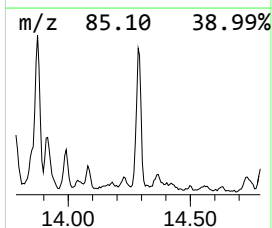
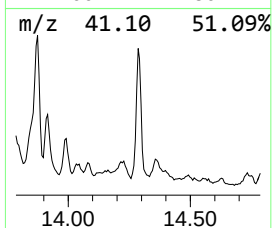
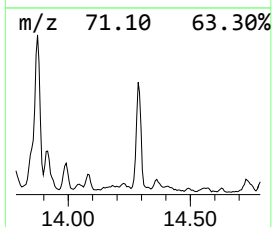
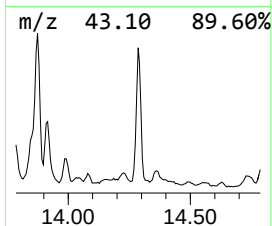
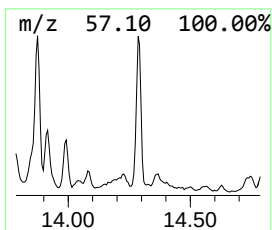
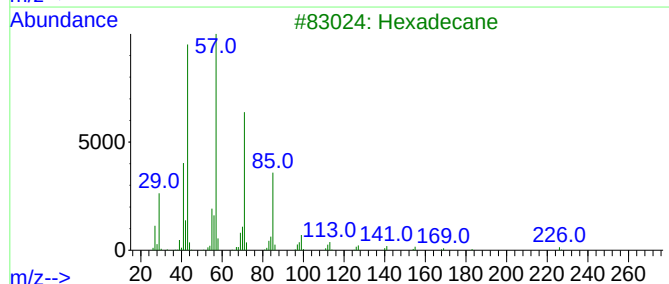
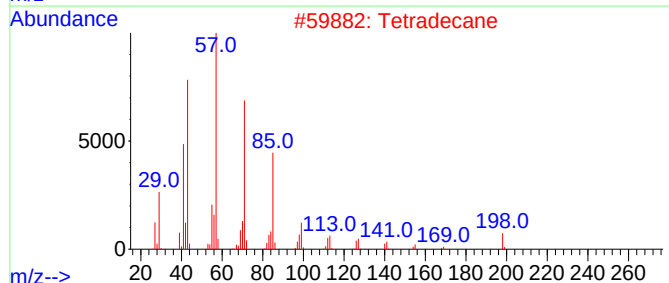
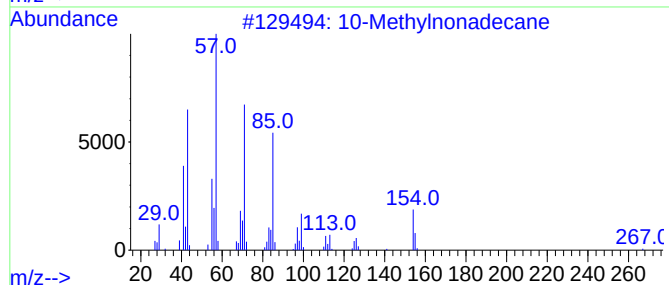
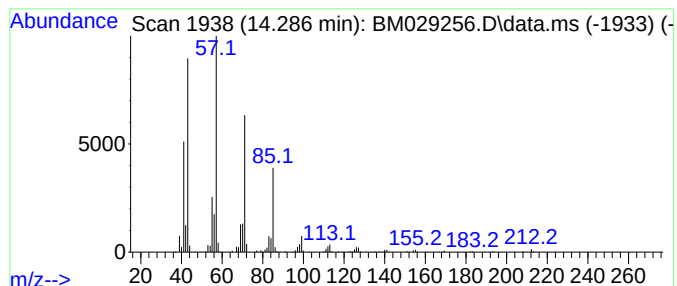
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10-Methylnonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	9.34 ng	777973	Acenaphthene-d10	14.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Methylnonadecane	282	C20H42	056862-62-5	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
Acq On : 29 Mar 2021 22:21
Operator : CG/JU
Sample : M1828-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(25-26)

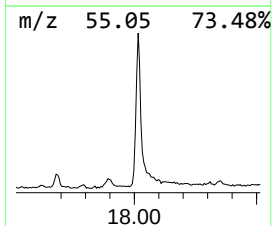
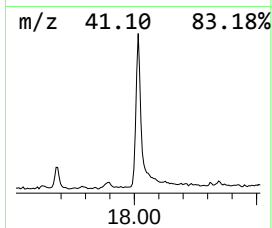
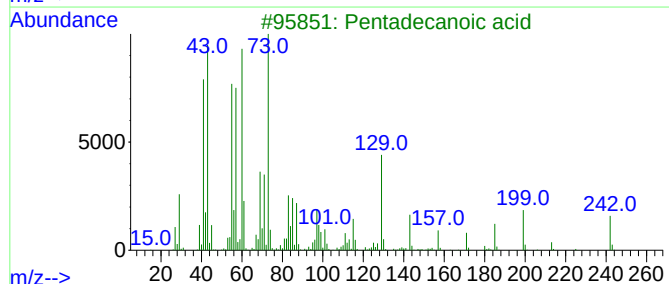
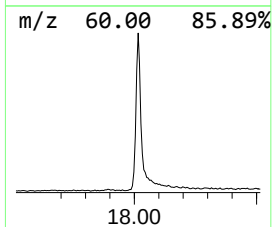
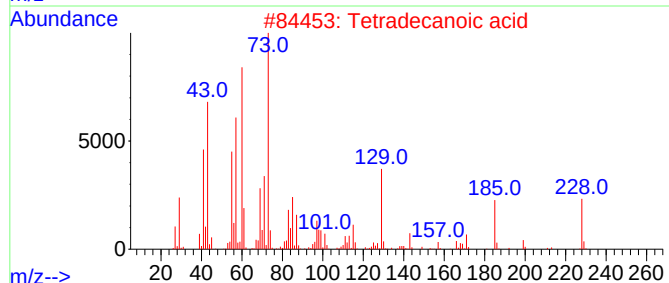
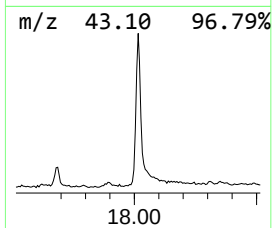
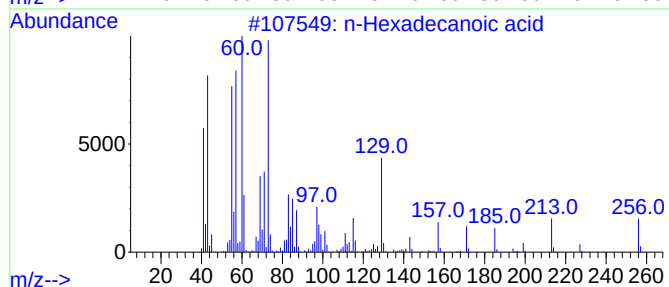
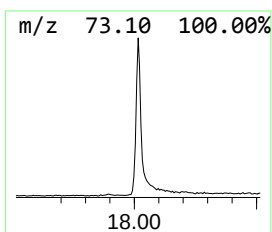
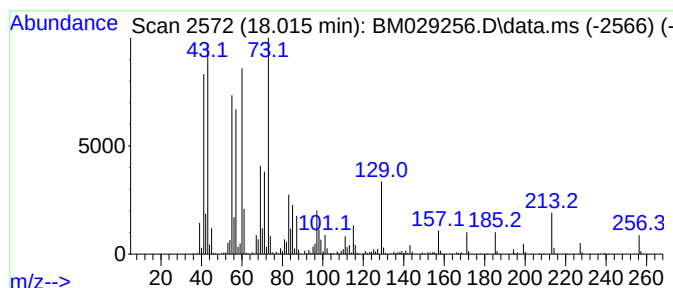
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.015	18.53 ng	1487960	Phenanthrene-d10	17.115

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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Misc :
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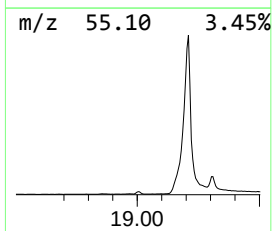
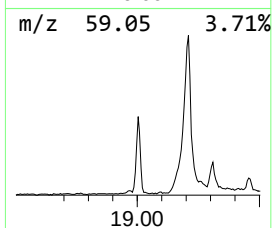
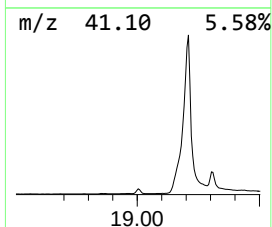
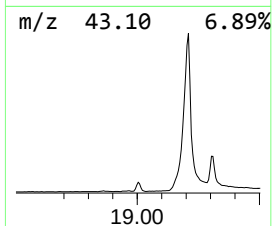
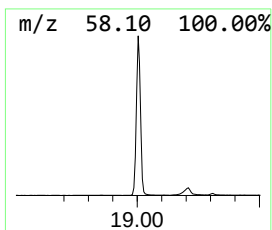
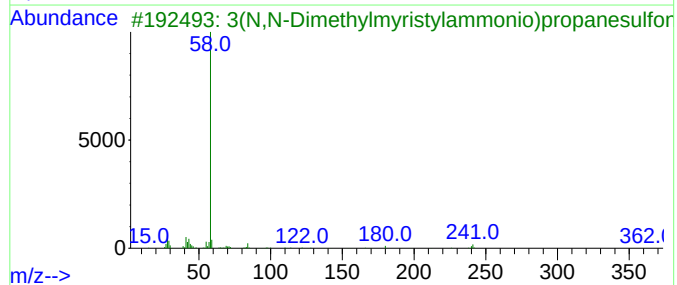
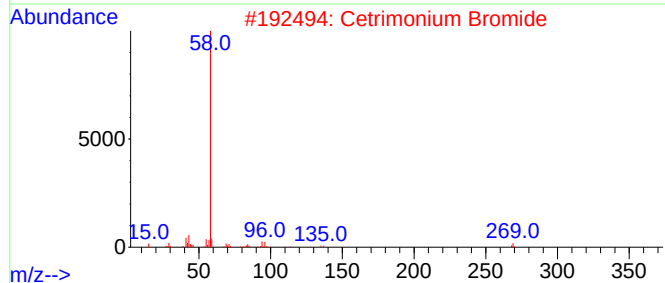
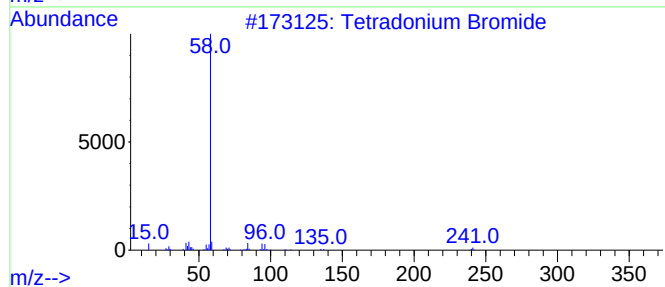
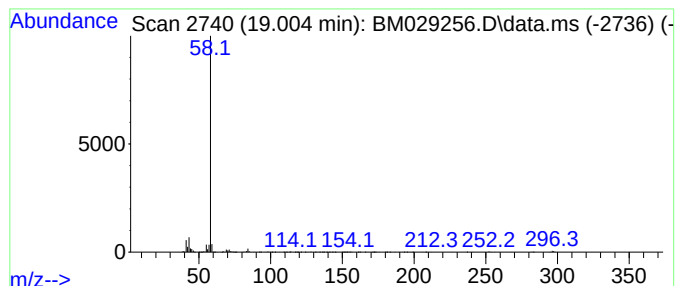
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradonium Bromide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.003	10.15 ng	815272	Phenanthrene-d10	17.115	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradonium Bromide	335	C17H38BrN	001119-97-7	78
2	Cetrimonium Bromide	363	C19H42BrN	000057-09-0	78
3	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	78
4	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	78
5	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
Acq On : 29 Mar 2021 22:21
Operator : CG/JU
Sample : M1828-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(25-26)

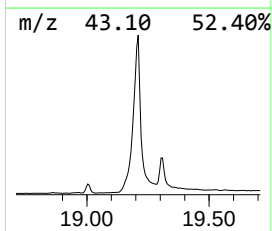
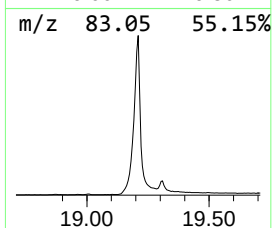
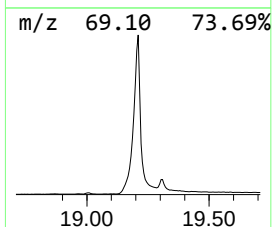
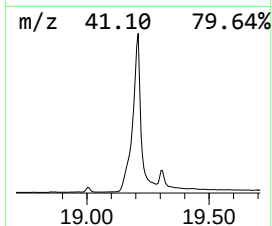
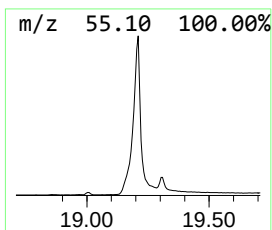
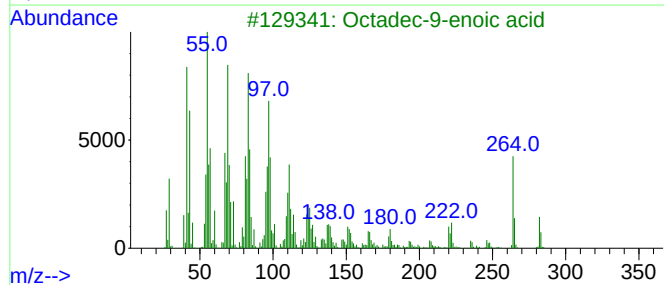
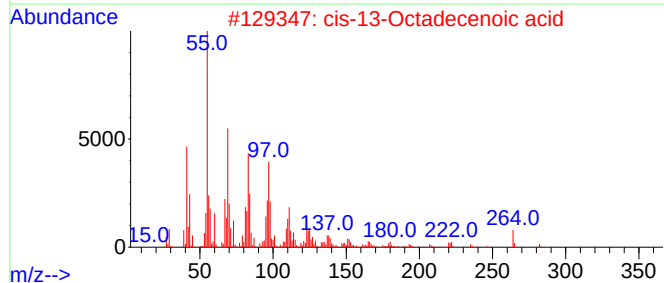
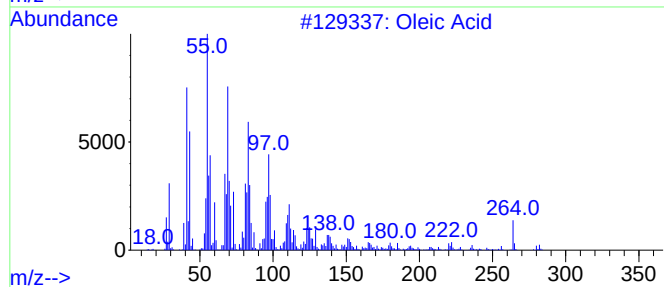
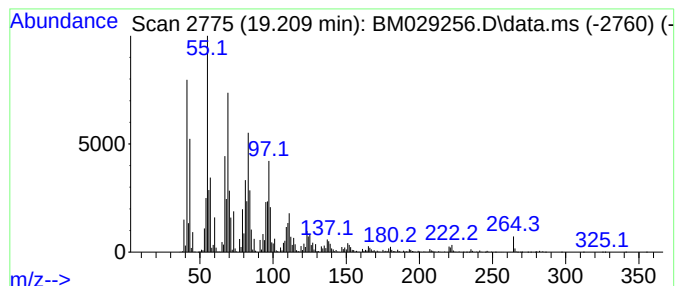
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.209	358.78 ng	31896900	Chrysene-d12	21.280

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oleic Acid	282	C18H34O2	000112-80-1	91
2		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	90
3		Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	87
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	86
5		Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
Acq On : 29 Mar 2021 22:21
Operator : CG/JU
Sample : M1828-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB13(25-26)

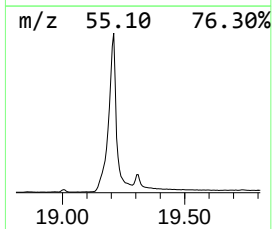
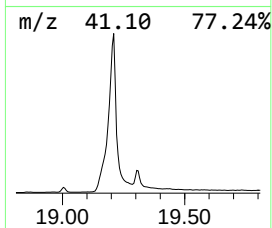
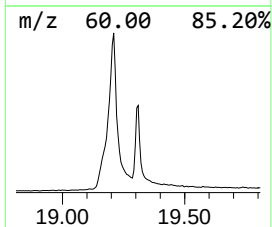
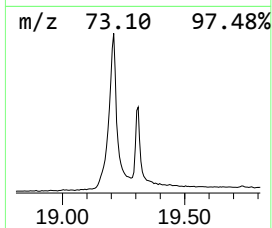
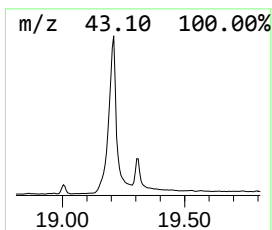
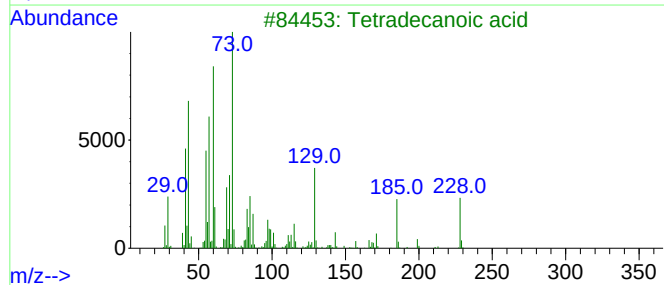
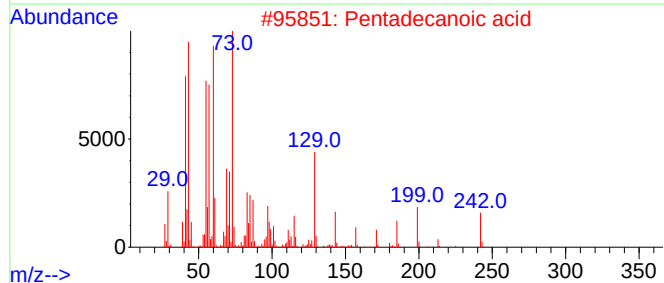
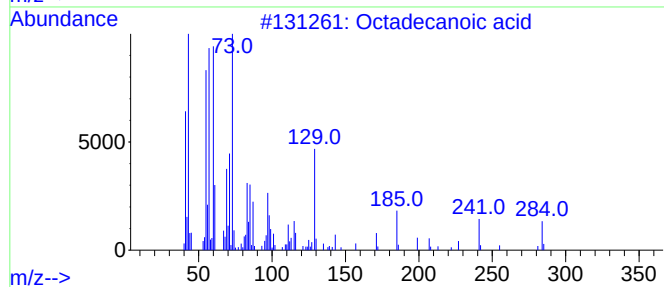
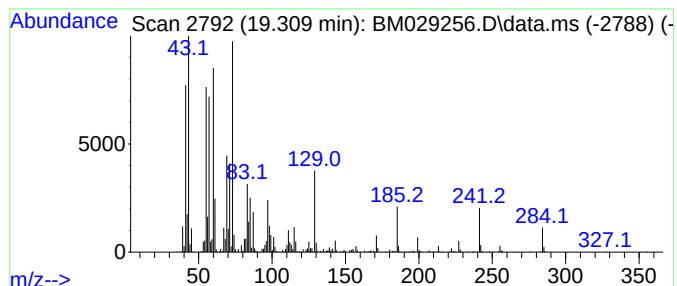
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.309	33.51 ng	2979450	Chrysene-d12	21.280

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			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30
5			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
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Sample : M1828-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

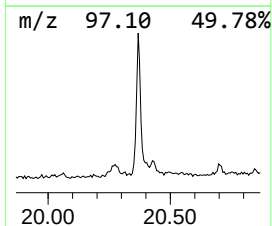
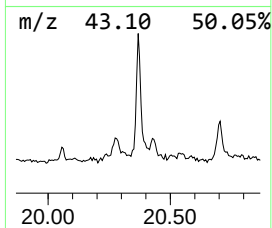
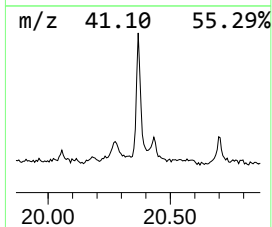
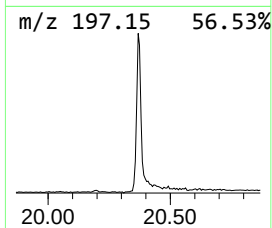
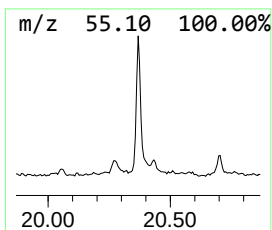
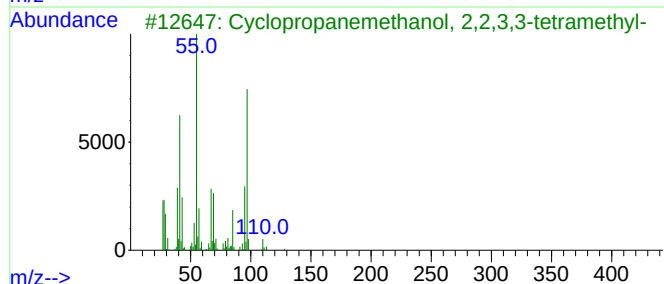
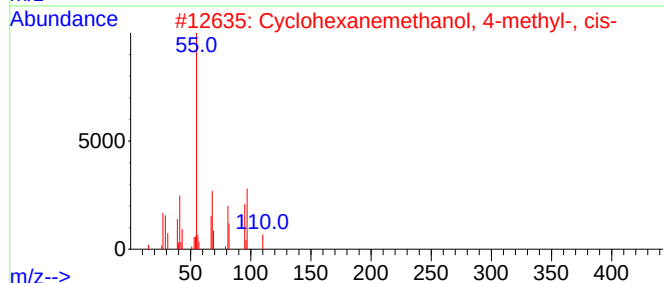
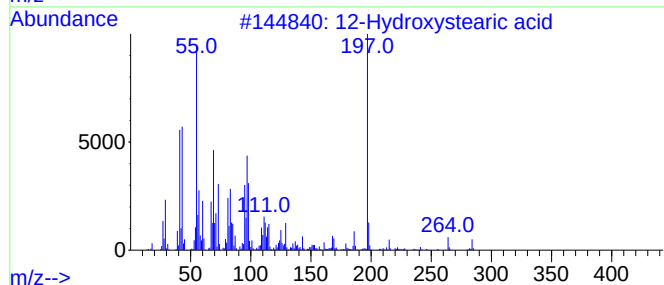
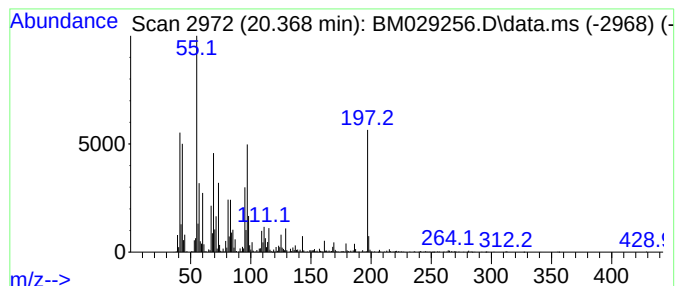
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 12-Hydroxystearic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.368	14.91 ng	1325850	Chrysene-d12	21.280	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Hydroxystearic acid	300	C18H36O3	000106-14-9	58
2	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-48-2	22
3	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	22
4	Oleic Acid	282	C18H34O2	000112-80-1	16
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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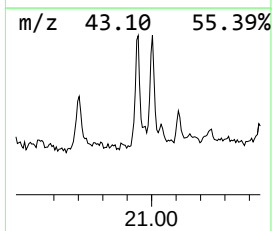
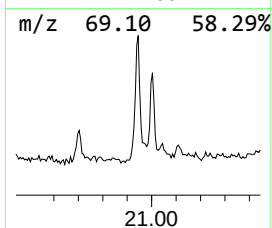
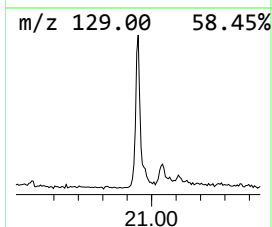
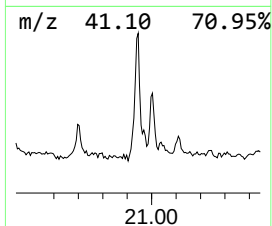
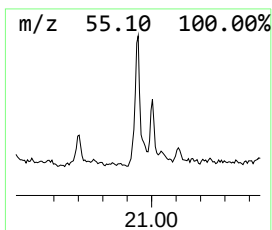
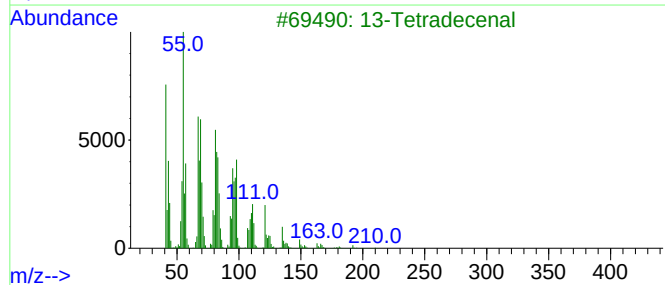
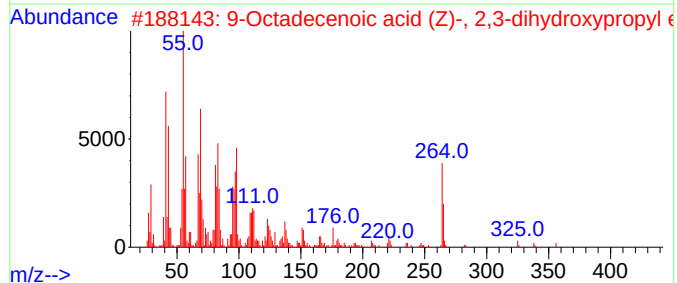
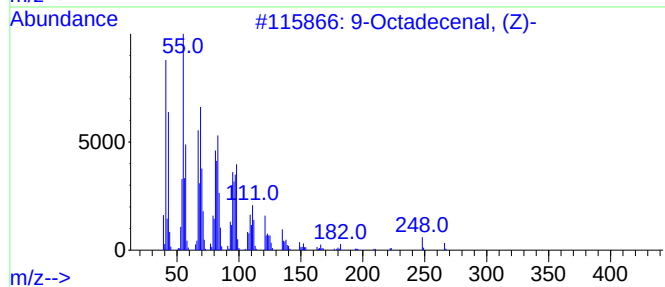
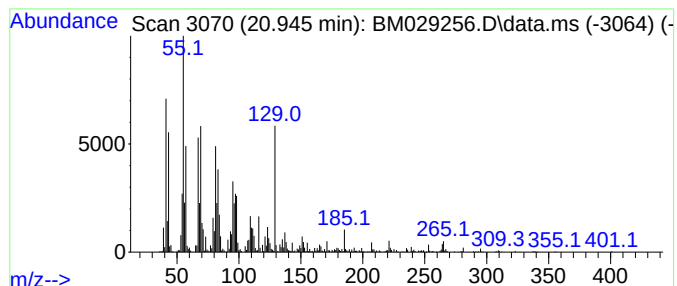
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenal, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.945	15.50 ng	1377910	Chrysene-d12	21.280	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenal, (Z)-	266	C18H34O	002423-10-1	70
2	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	64
3	13-Tetradecenal	210	C14H26O	085896-31-7	62
4	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	53
5	2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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Misc :
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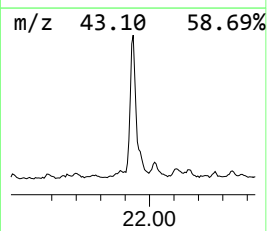
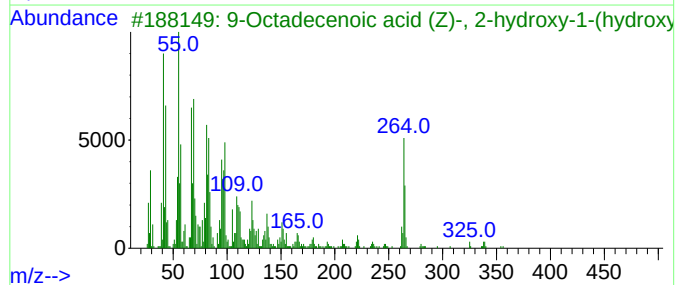
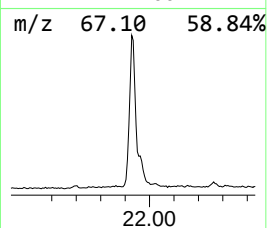
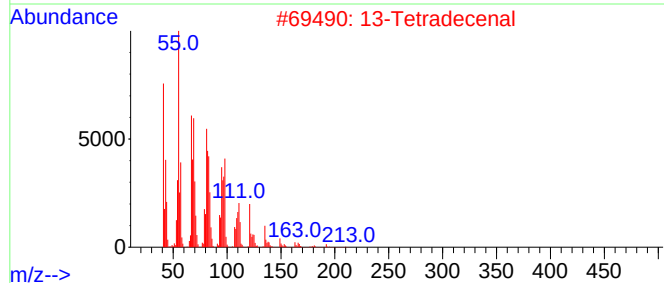
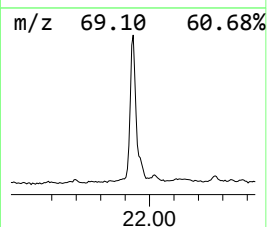
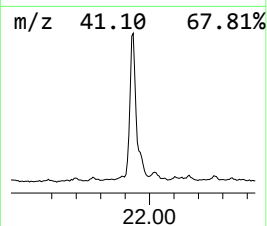
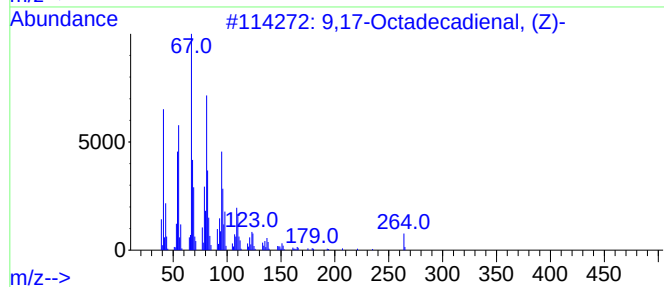
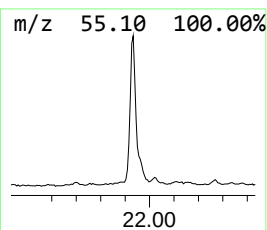
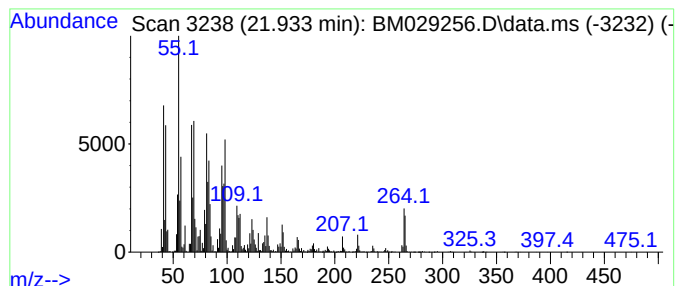
Instrument :
BNA_M
ClientSampleId :
FS-SB13(25-26)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,17-Octadecadienal, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.933	73.36 ng	6522240	Chrysene-d12	21.280	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	95
2	13-Tetradecenal	210	C14H26O	085896-31-7	94
3	9-Octadecenoic acid (Z)-, 2-hydr...	356	C21H40O4	003443-84-3	94
4	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	84
5	9-Octadecenoic acid (Z)-, 2-hydr...	326	C20H38O4	004500-01-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029256.D
Acq On : 29 Mar 2021 22:21
Operator : CG/JU
Sample : M1828-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(25-26)

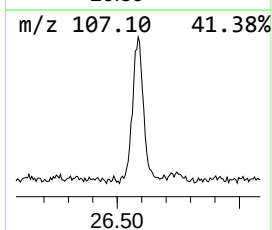
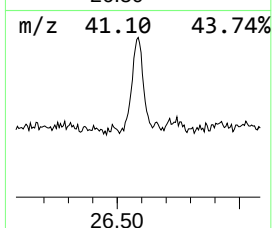
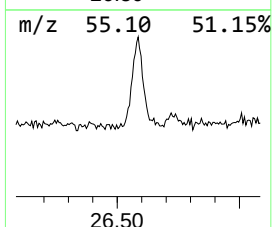
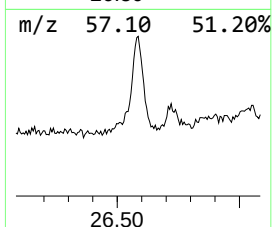
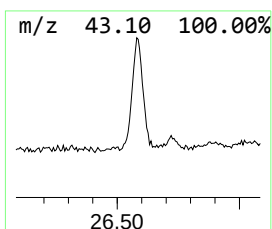
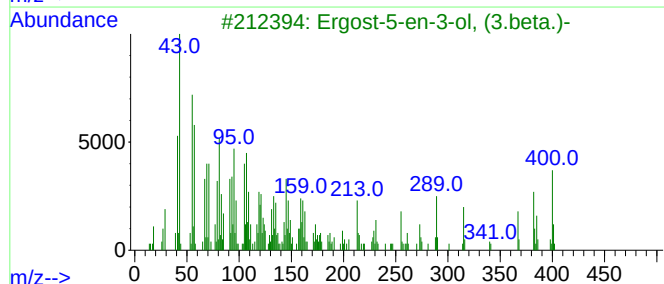
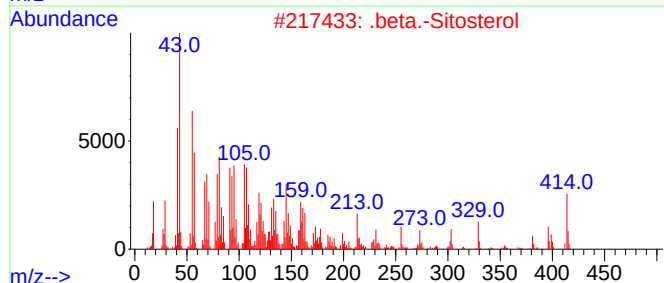
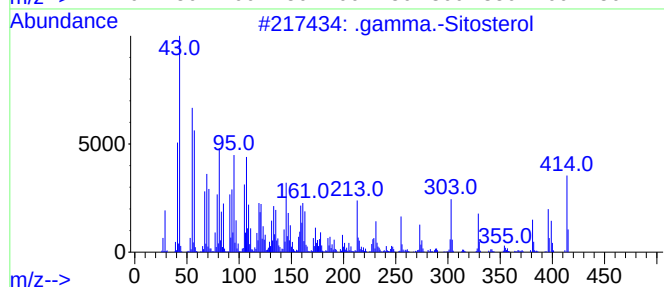
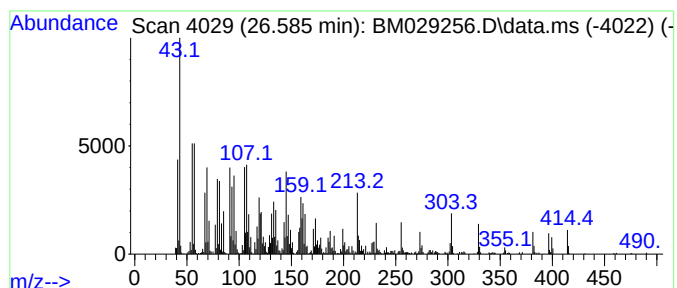
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.585	19.62 ng	1895890	Perylene-d12	23.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-Sitosterol	414	C29H50O	000083-47-6	94	
2	.	beta.-Sitosterol	414	C29H50O	000083-46-5	92	
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49		
4	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	45		
5	Campesterol	400	C28H48O	000474-62-4	25		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029256.D
 Acq On : 29 Mar 2021 22:21
 Operator : CG/JU
 Sample : M1828-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB13(25-26)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.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
Butane, 2-metho...	3.010	13.3	ng	549274	1	7.751	824857	20.0
Undecane, 2,6-d...	10.704	6.4	ng	554218	2	10.534	1732610	20.0
Cyclohexane, (4...	11.239	6.3	ng	543027	2	10.534	1732610	20.0
Dodecane, 2-met...	11.457	6.7	ng	577356	2	10.534	1732610	20.0
Octane, 2,6-dim...	11.569	17.7	ng	1530420	2	10.534	1732610	20.0
Tridecane	11.969	19.8	ng	1715160	2	10.534	1732610	20.0
Heptylcyclohexane	12.651	6.8	ng	565097	3	14.374	1666750	20.0
Eicosane, 10-me...	12.786	5.4	ng	450401	3	14.374	1666750	20.0
Dodecane, 2,7,1...	12.927	12.5	ng	1044720	3	14.374	1666750	20.0
Tetradecane	13.216	22.1	ng	1839650	3	14.374	1666750	20.0
Hexadecane	13.874	15.4	ng	1282260	3	14.374	1666750	20.0
10-Methylnonade...	14.286	9.3	ng	777973	3	14.374	1666750	20.0
n-Hexadecanoic ...	18.015	18.5	ng	1487960	4	17.115	1605700	20.0
Tetradonium Bro...	19.003	10.2	ng	815272	4	17.115	1605700	20.0
Oleic Acid	19.209	358.8	ng	31896900	5	21.280	1778080	20.0
Octadecanoic acid	19.309	33.5	ng	2979450	5	21.280	1778080	20.0
12-Hydroxystear...	20.368	14.9	ng	1325850	5	21.280	1778080	20.0
9-Octadecenal, ...	20.945	15.5	ng	1377910	5	21.280	1778080	20.0
9,17-Octadecadi...	21.933	73.4	ng	6522240	5	21.280	1778080	20.0
.gamma.-Sitosterol	26.585	19.6	ng	1895890	6	23.515	1932120	20.0