

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029259.D
 Acq On : 30 Mar 2021 00:10
 Operator : CG/JU
 Sample : M1828-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB13(33-34)

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: BM029259.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	17	22	26	rBV	790668	872371	8.63%	1.644%
2	3.057	26	29	39	rVB	149265	173500	1.72%	0.327%
3	4.904	338	343	353	rVB	241320	337831	3.34%	0.636%
4	5.363	414	421	433	rBV	2683018	3793946	37.52%	7.148%
5	6.939	680	689	699	rBV	2549048	3980138	39.36%	7.498%
6	7.757	819	828	836	rVB	505109	792613	7.84%	1.493%
7	8.910	1009	1024	1035	rBV	1563883	2581457	25.53%	4.863%
8	10.539	1292	1301	1311	rVB	653461	1276682	12.62%	2.405%
9	10.710	1325	1330	1335	rVB	196362	290372	2.87%	0.547%
10	11.245	1410	1421	1424	rBV3	98282	255690	2.53%	0.482%
11	11.380	1439	1444	1448	rVV4	72710	114329	1.13%	0.215%
12	11.463	1453	1458	1466	rVB3	126722	245105	2.42%	0.462%
13	11.569	1467	1476	1487	rBV	397624	786129	7.77%	1.481%
14	11.969	1537	1544	1555	rBV2	339305	645681	6.38%	1.216%
15	12.192	1579	1582	1588	rVB2	135567	205903	2.04%	0.388%
16	12.339	1603	1607	1616	rVB5	62531	118645	1.17%	0.224%
17	12.604	1647	1652	1656	rVV3	104647	201062	1.99%	0.379%
18	12.663	1656	1662	1667	rVV3	115373	285622	2.82%	0.538%
19	12.786	1679	1683	1688	rBV	139057	201742	1.99%	0.380%
20	12.874	1694	1698	1703	rBV	122426	186917	1.85%	0.352%
21	12.927	1703	1707	1712	rVV	413409	587132	5.81%	1.106%
22	13.004	1712	1720	1728	rVB	2773896	4289727	42.42%	8.082%
23	13.216	1749	1756	1764	rBV2	390768	754302	7.46%	1.421%
24	13.739	1841	1845	1850	rBV4	60488	108253	1.07%	0.204%
25	13.792	1850	1854	1859	rVV3	64271	134697	1.33%	0.254%
26	13.845	1859	1863	1865	rVV3	114171	182269	1.80%	0.343%
27	13.880	1865	1869	1872	rVV2	366265	526672	5.21%	0.992%
28	13.916	1872	1875	1883	rVB	120474	197674	1.95%	0.372%
29	14.221	1923	1927	1934	rVB5	64670	134868	1.33%	0.254%
30	14.292	1934	1939	1944	rVV	222424	305529	3.02%	0.576%
31	14.386	1947	1955	1964	rVB	838993	1372018	13.57%	2.585%
32	15.868	2201	2207	2214	rBV	2208937	3215462	31.80%	6.058%
33	17.121	2414	2420	2426	rBV	952339	1336288	13.21%	2.518%
34	18.021	2568	2573	2584	rBV	608241	961128	9.50%	1.811%
35	19.192	2761	2772	2787	rBV	4215896	10112952	100.00%	19.052%
36	19.303	2788	2791	2803	rVB2	463714	844848	8.35%	1.592%

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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

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37	19.745	2860	2866	2873	rVB	4127426	5025530	49.69%	9.468%
38	20.944	3064	3070	3077	rBV2	533068	939938	9.29%	1.771%
39	21.003	3077	3080	3085	rVV	693615	827242	8.18%	1.558%
40	21.286	3124	3128	3135	rBV	1264356	1627403	16.09%	3.066%
41	21.933	3235	3238	3252	rVB3	230570	459119	4.54%	0.865%
42	23.527	3503	3509	3519	rVB2	907565	1790922	17.71%	3.374%

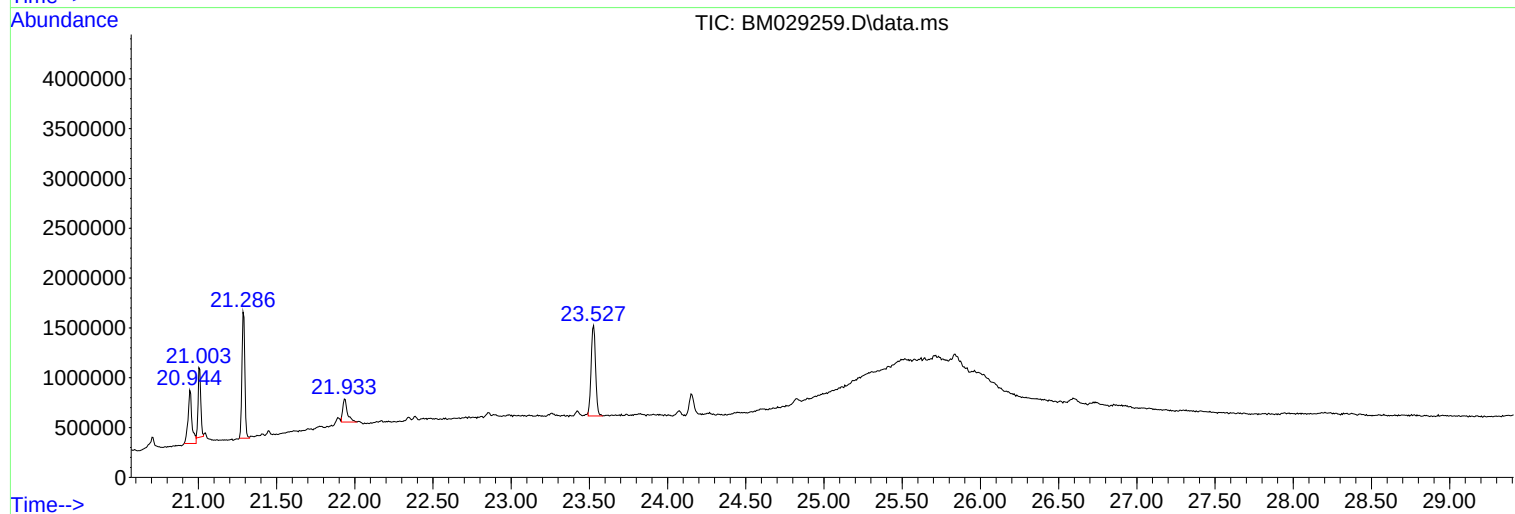
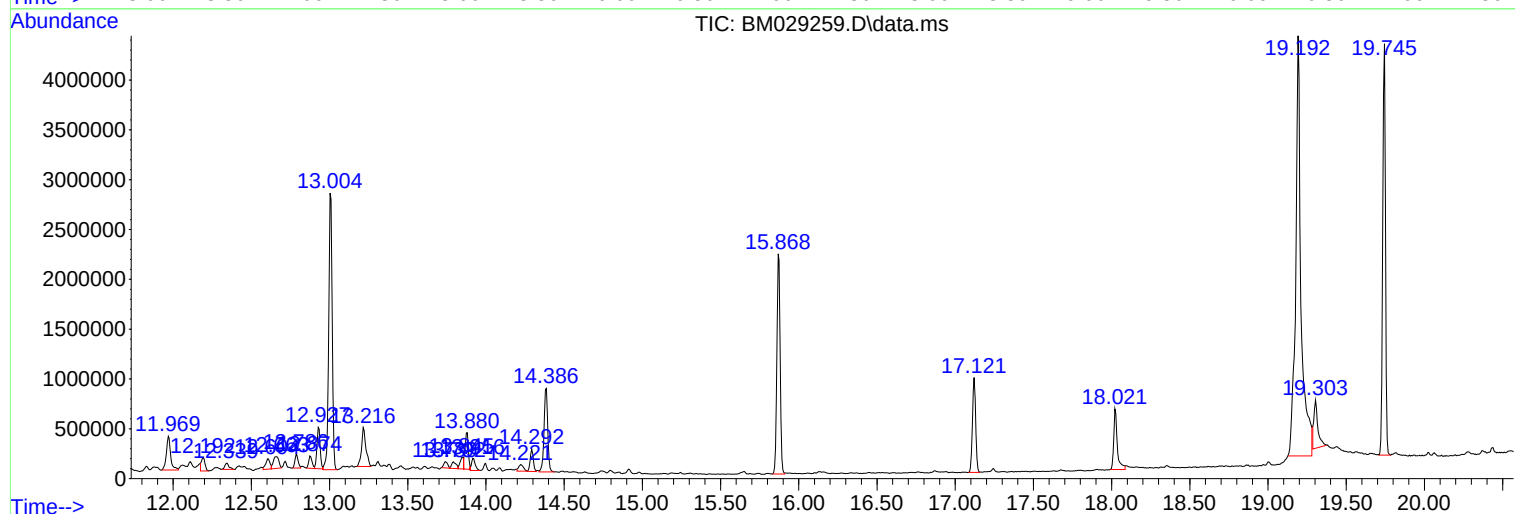
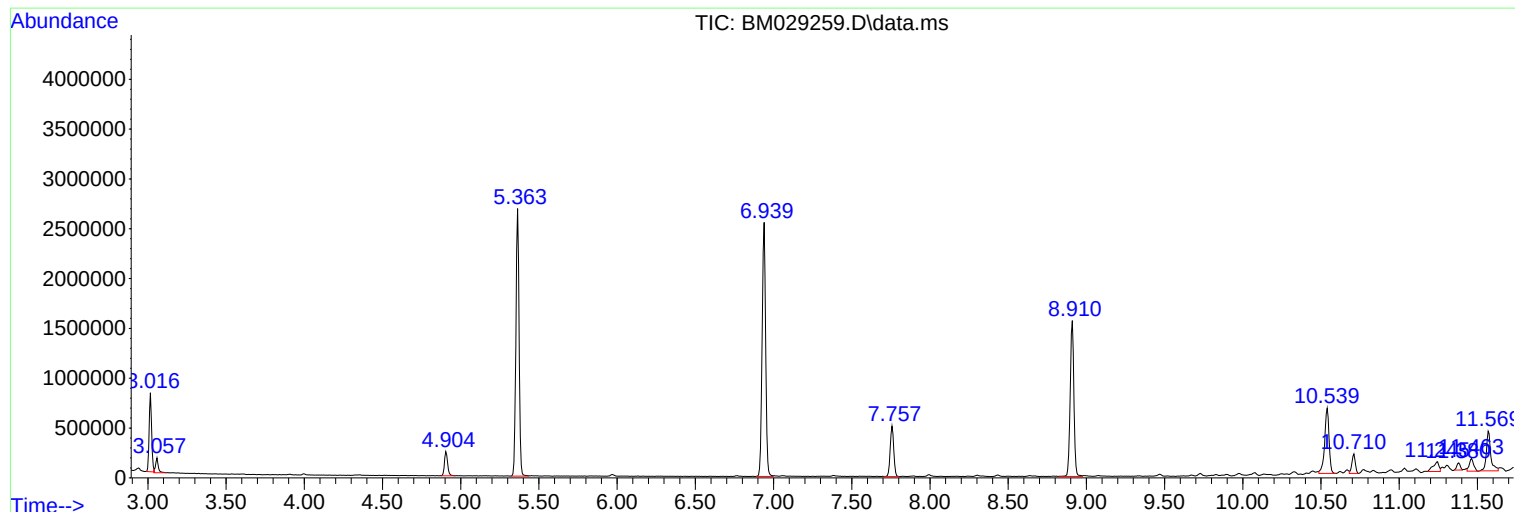
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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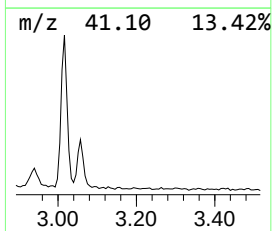
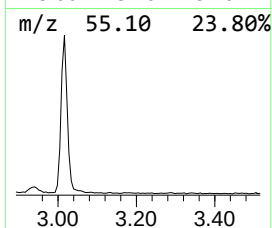
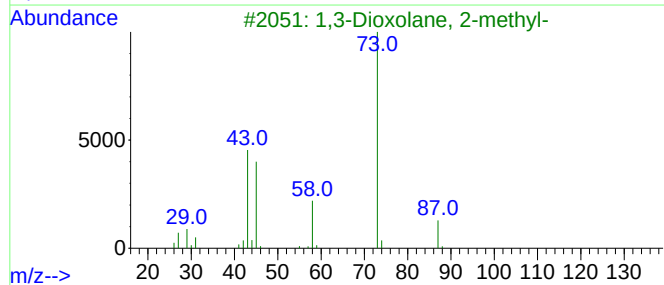
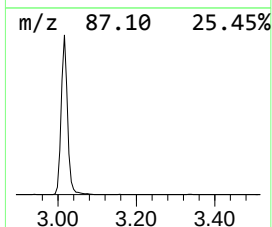
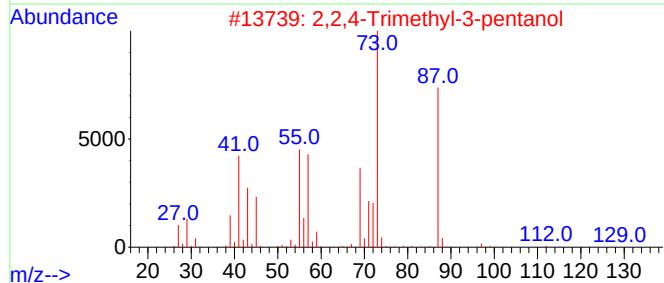
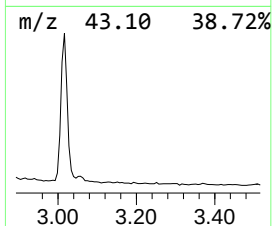
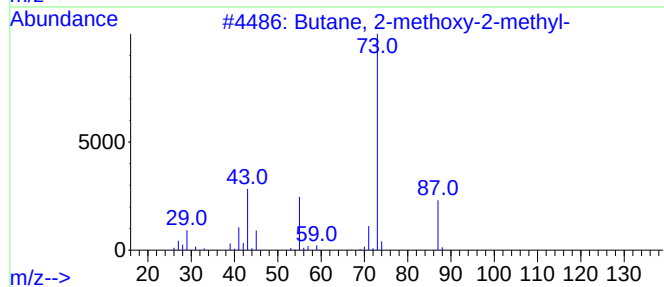
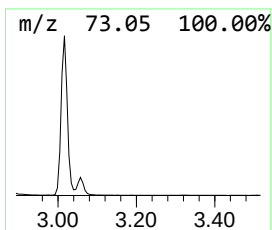
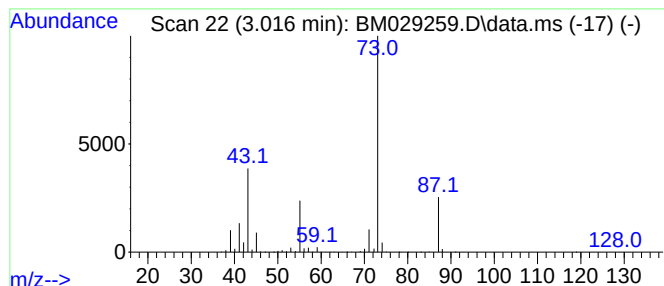
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	22.01 ng	872371	1,4-Dichlorobenzene-d4	7.757

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	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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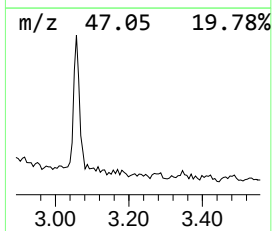
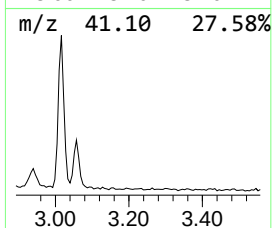
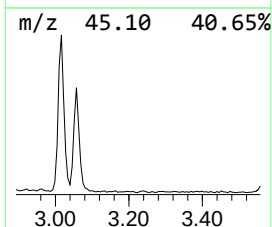
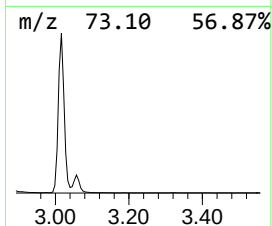
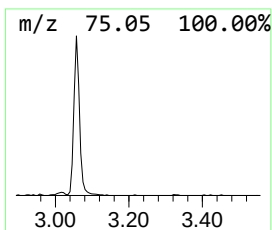
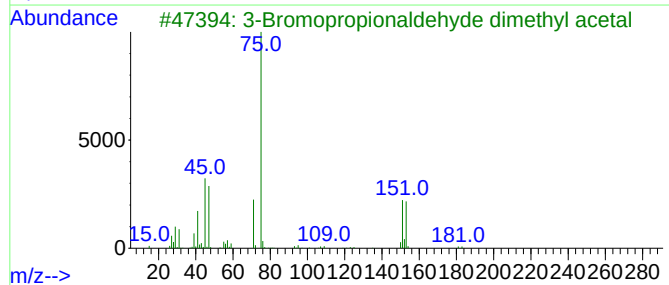
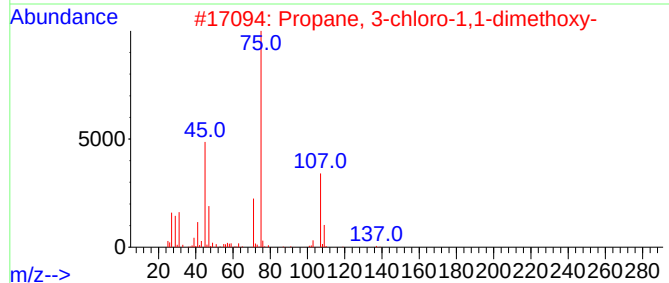
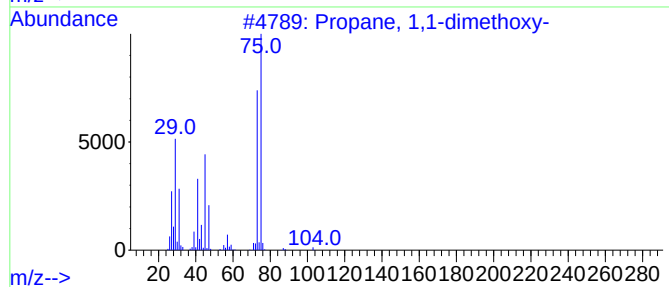
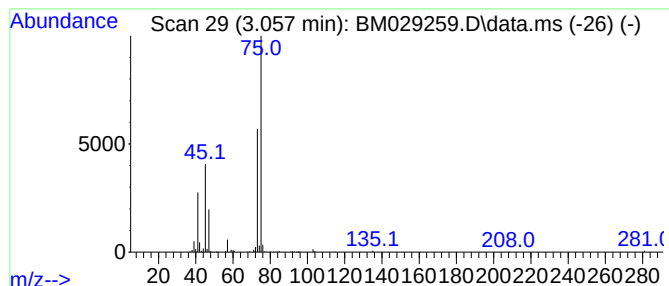
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.057	4.38 ng	173500	1,4-Dichlorobenzene-d4	7.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2			Propane, 3-chloro-1,1-dimethoxy-	138	C5H11ClO2	035502-06-8	56
3			3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	38
4			Silane, trimethyl(1-methylethoxy)-	132	C6H16OSi	001825-64-5	33
5			Benzene, [2-(ethylthio)ethyl]-	166	C10H14S	022914-08-5	33



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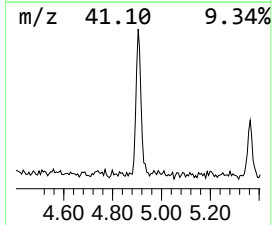
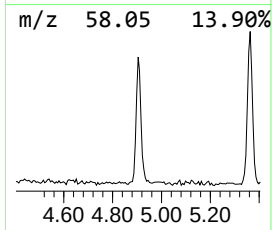
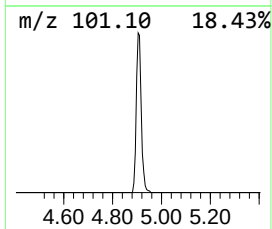
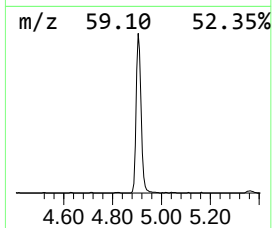
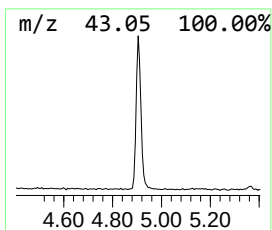
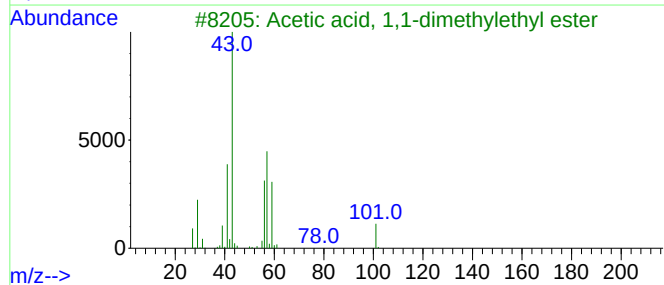
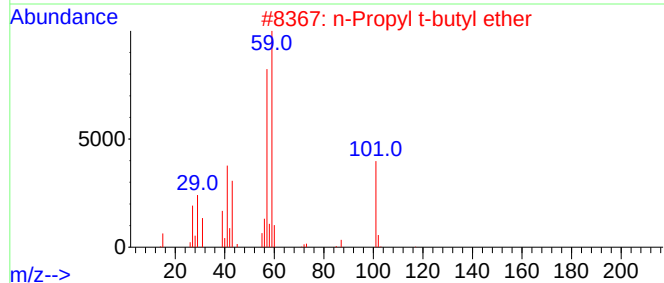
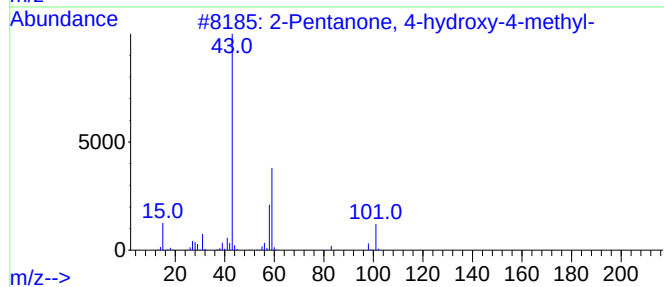
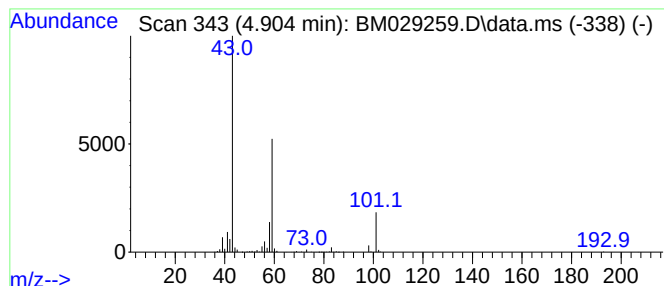
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	8.52 ng	337831	1,4-Dichlorobenzene-d4	7.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9



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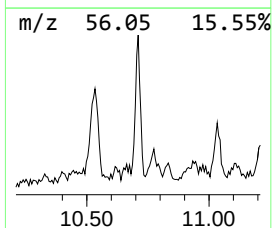
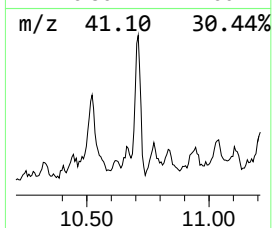
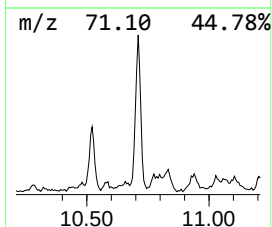
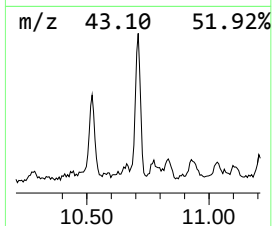
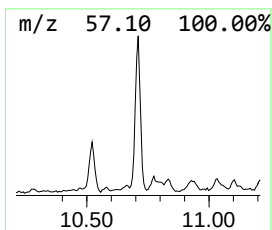
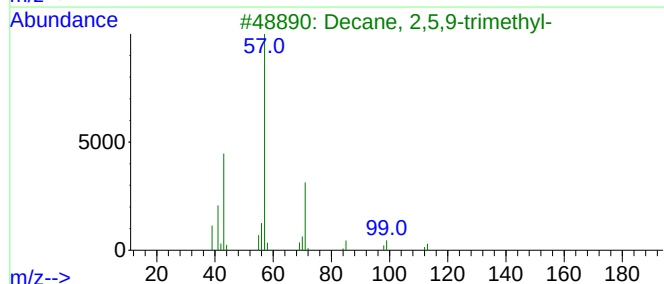
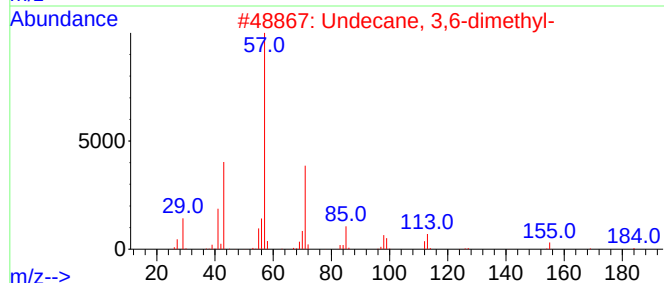
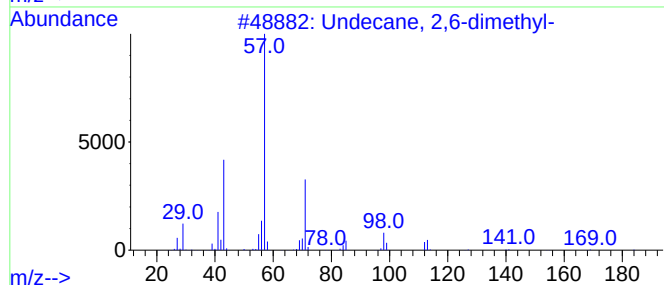
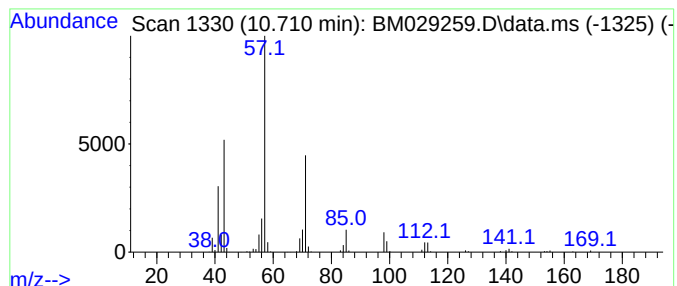
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	4.55 ng	290372	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59



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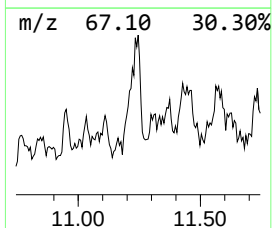
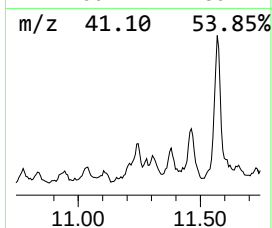
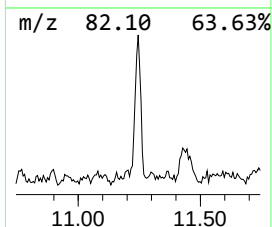
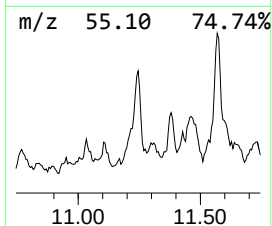
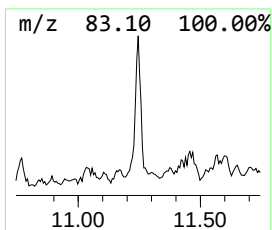
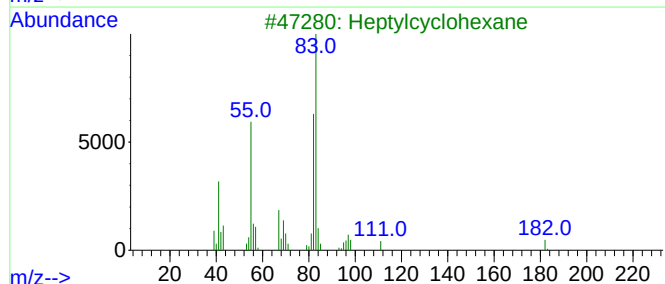
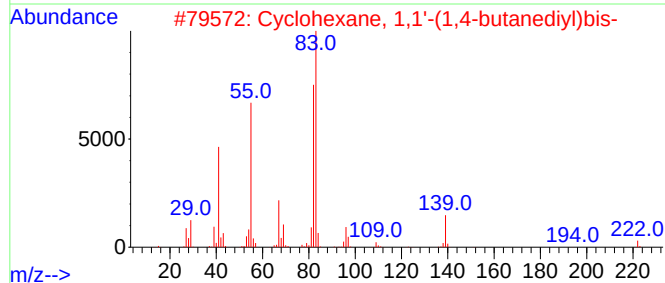
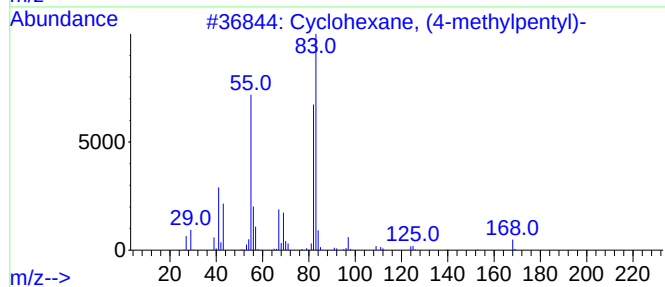
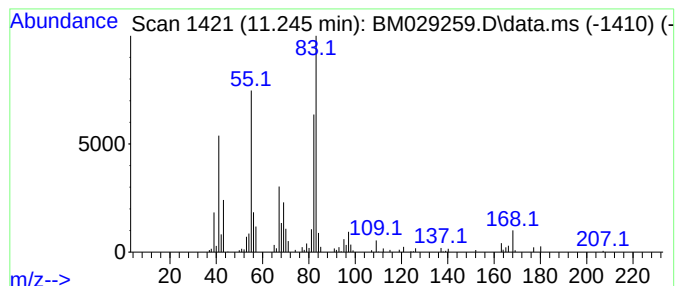
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	4.01 ng	255690	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
2			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	72
3			Heptylcyclohexane	182	C13H26	005617-41-4	72
4			Cyclopentane, 1-methyl-2-(2-propyl)-	124	C9H16	050746-53-7	64
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(33-34)

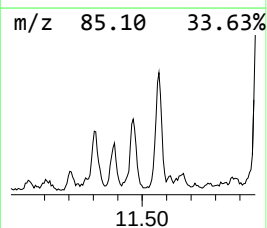
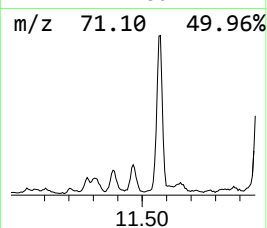
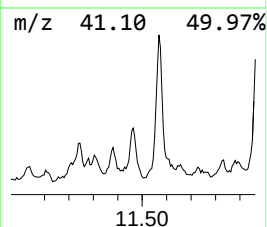
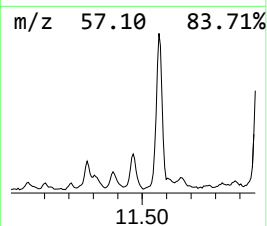
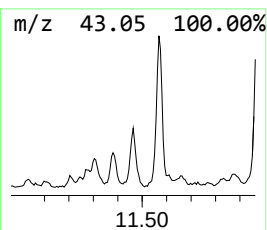
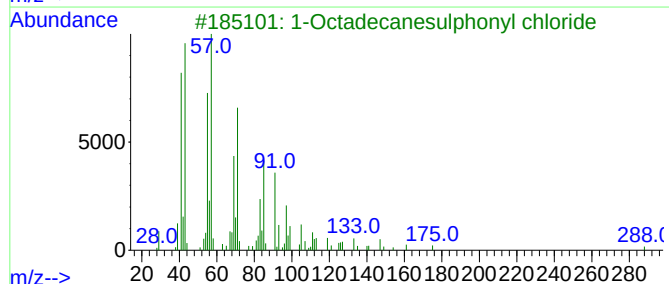
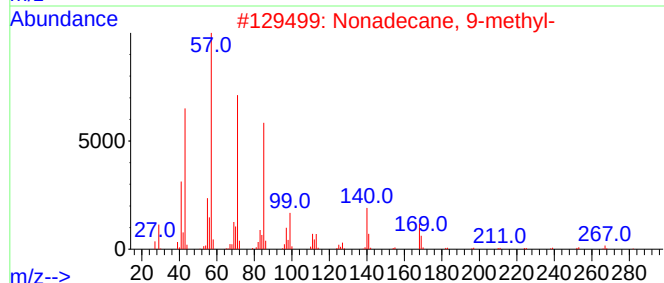
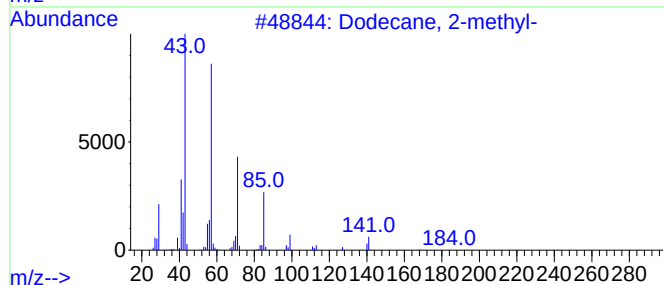
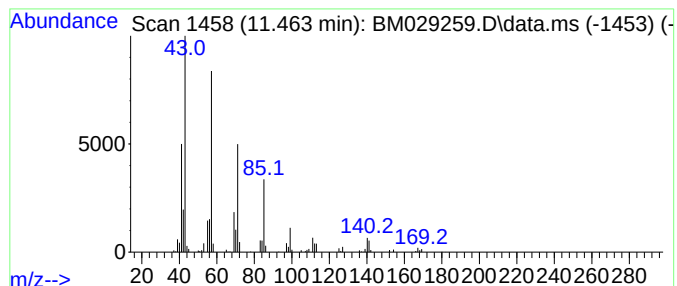
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.463	3.84 ng	245105	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	64
5			Octadecane	254	C18H38	000593-45-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
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Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB13(33-34)

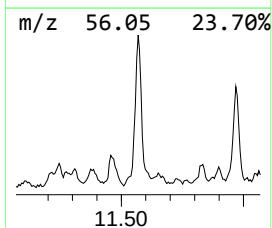
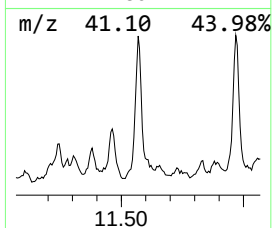
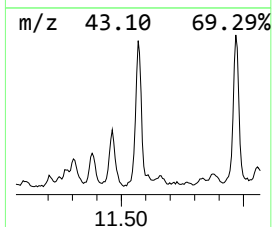
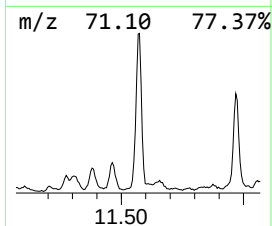
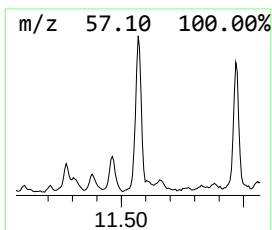
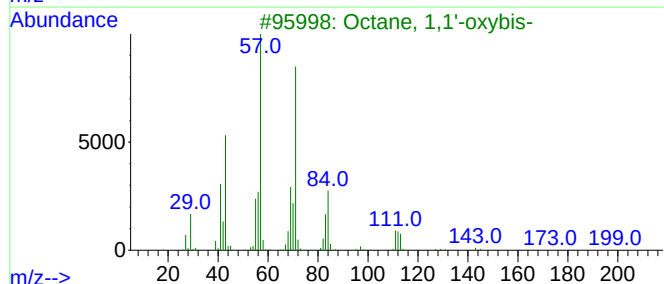
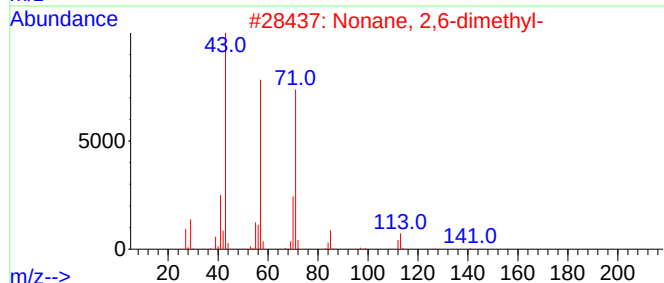
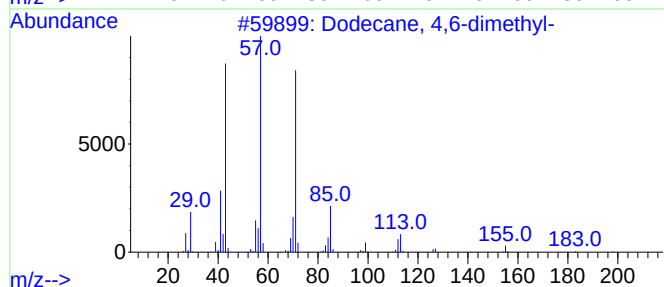
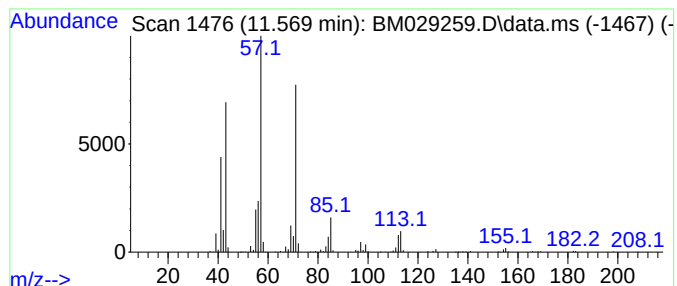
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.569	12.32 ng	786129	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4			Heptane, 3-[(ethenloxy)methyl]-	156	C10H20O	000103-44-6	72
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB13(33-34)

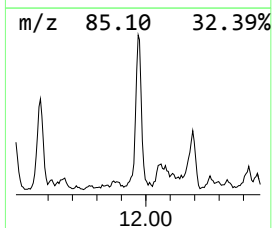
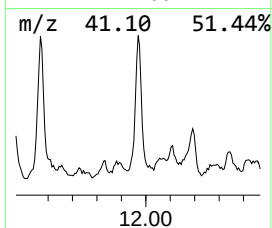
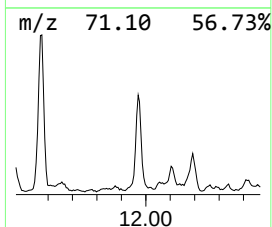
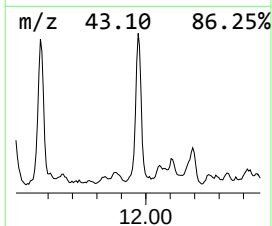
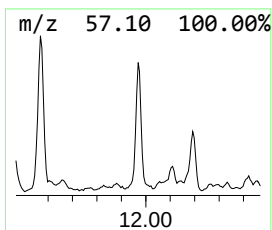
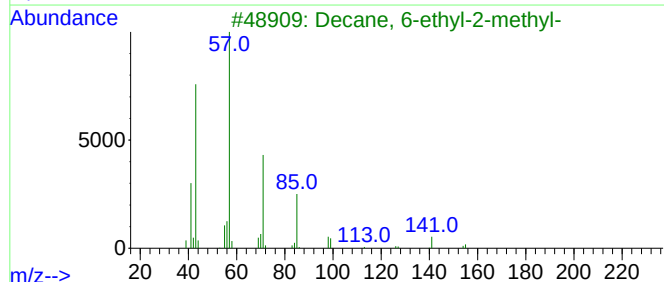
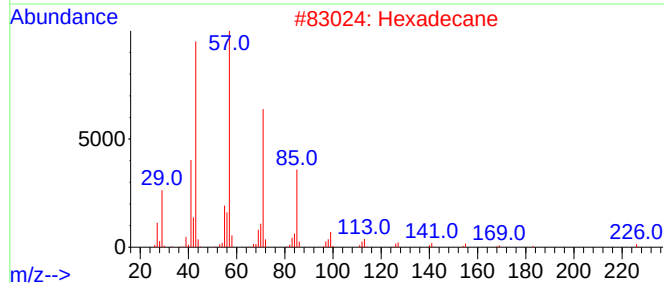
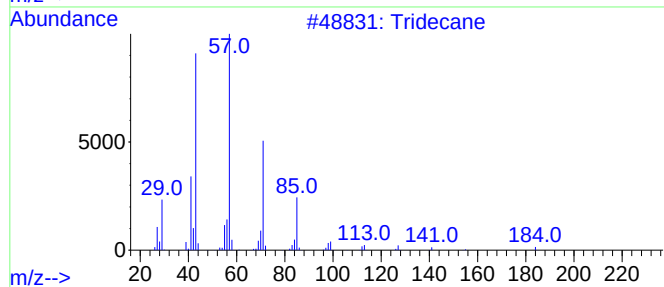
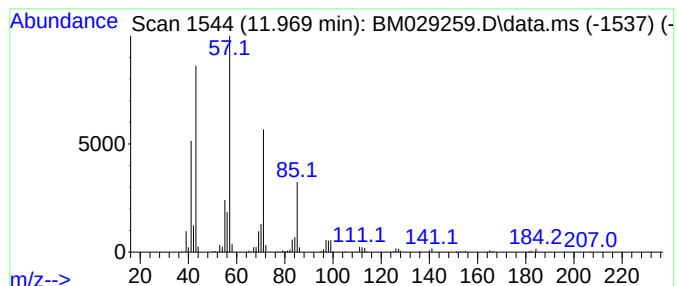
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	10.12 ng	645681	Naphthalene-d8	10.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Hexadecane	226	C16H34	000544-76-3	80
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4			Tetradecane	198	C14H30	000629-59-4	78
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
FS-SB13(33-34)

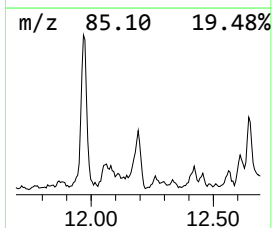
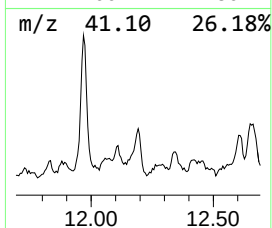
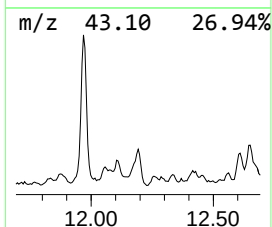
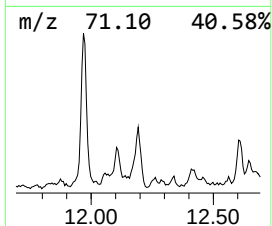
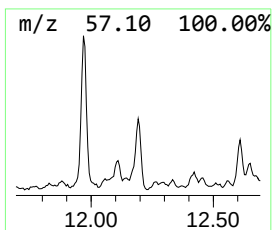
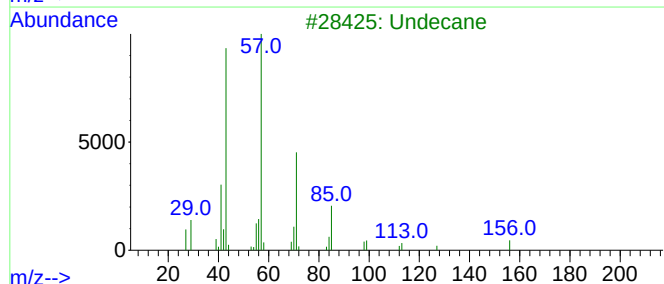
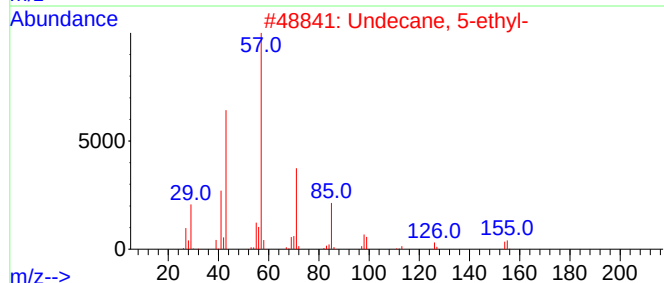
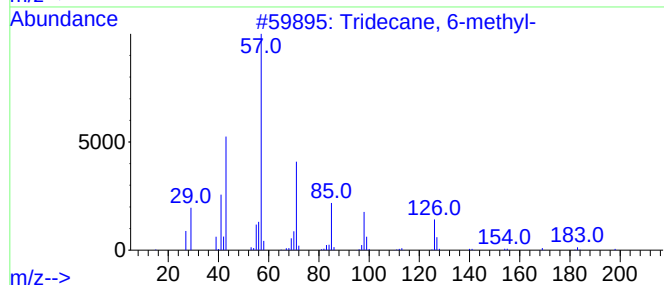
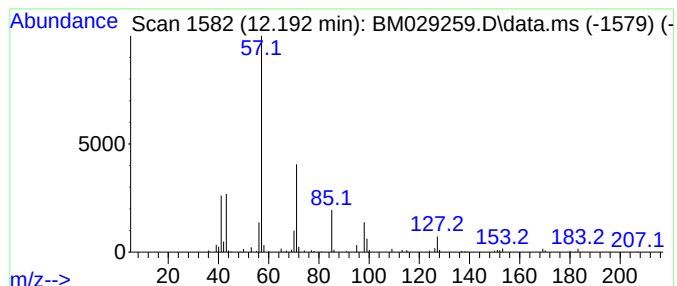
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.23 ng	205903	Naphthalene-d8	10.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3		Undecane	156	C11H24	001120-21-4	64
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5		Heptacosane	380	C27H56	000593-49-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
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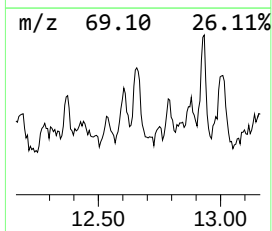
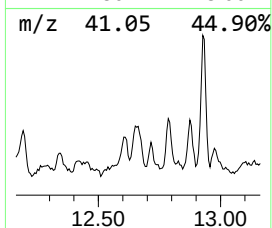
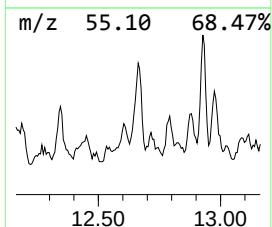
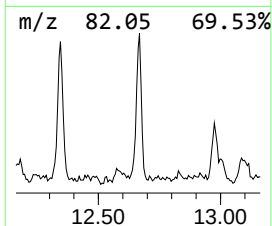
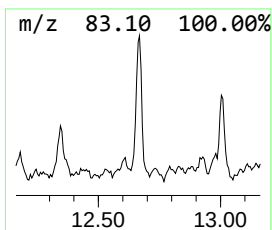
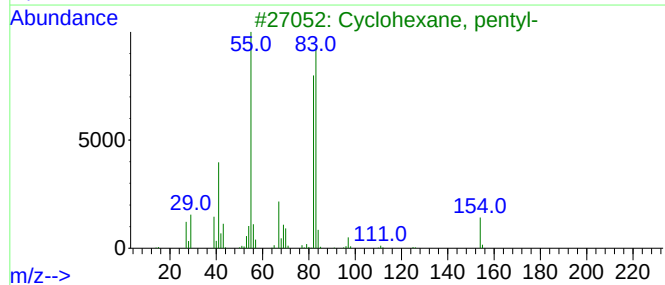
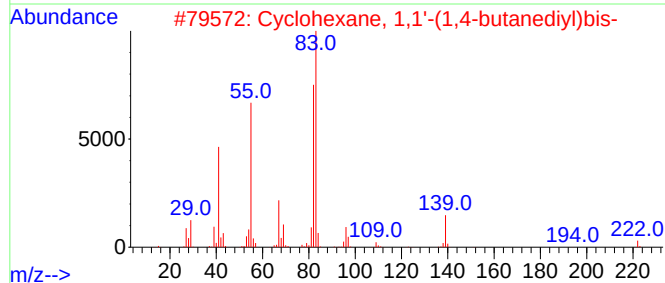
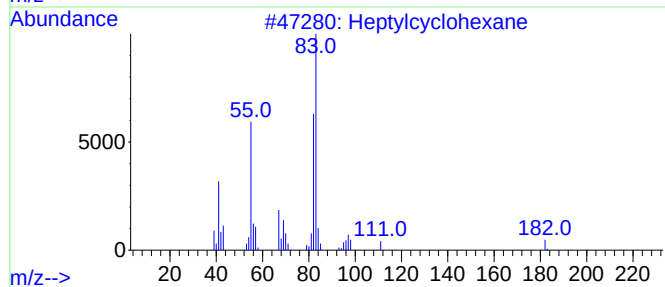
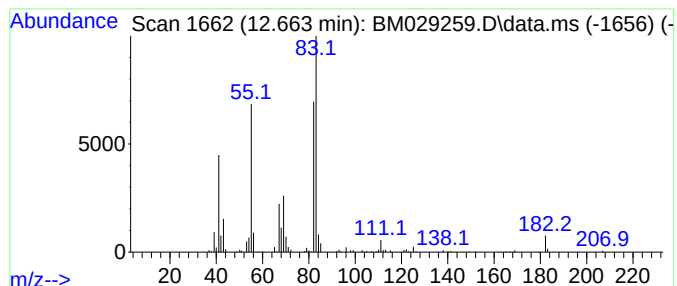
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	4.16 ng	285622	Acenaphthene-d10	14.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	78
2		Cyclohexane, 1,1'-(1,4-butanediyl)...	222	C16H30	006165-44-2	72
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4		Cyclohexane, decyl-	224	C16H32	001795-16-0	72
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
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ClientSampleId :
FS-SB13(33-34)

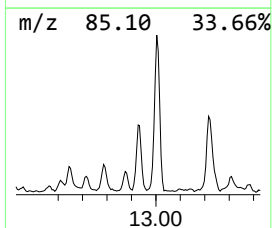
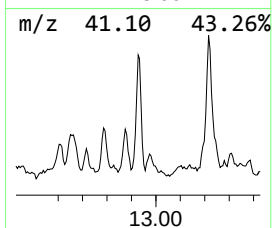
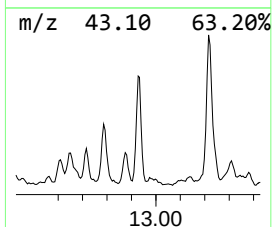
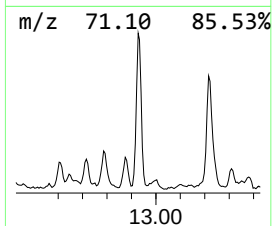
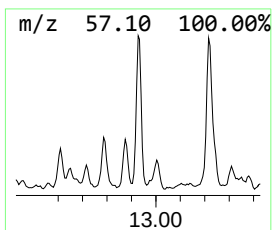
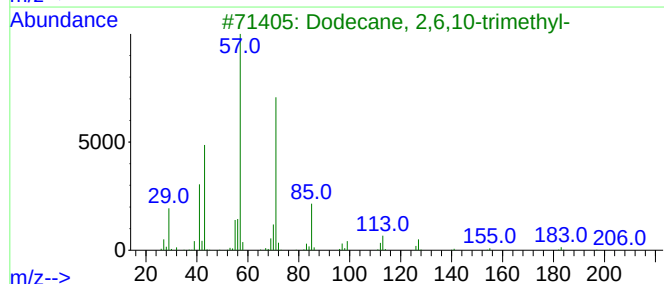
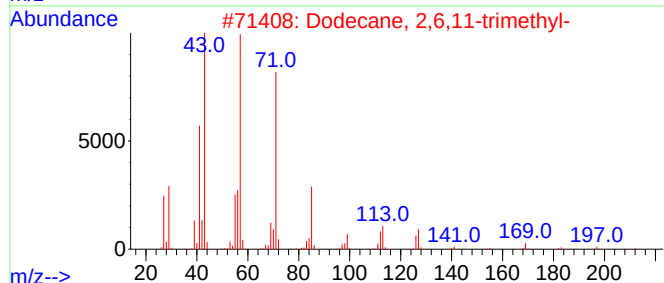
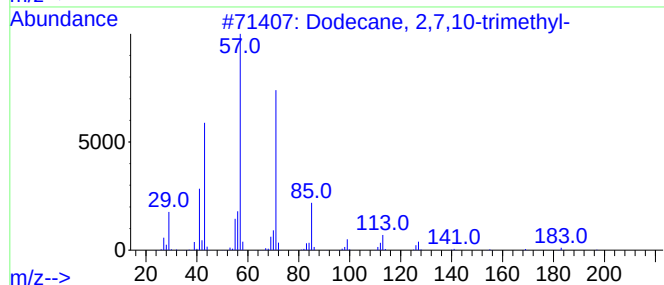
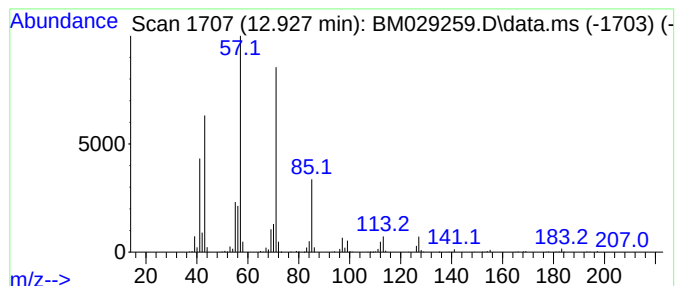
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.927	8.56 ng	587132	Acenaphthene-d10	14.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	58
5			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
FS-SB13(33-34)

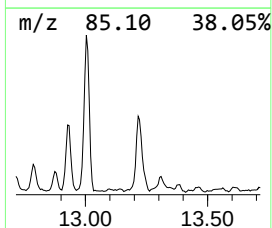
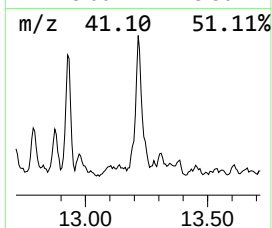
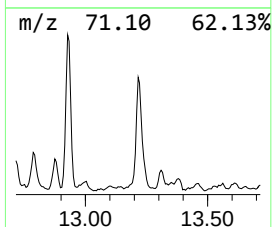
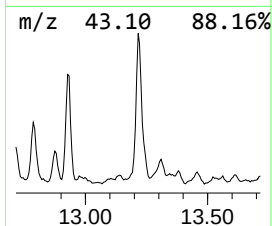
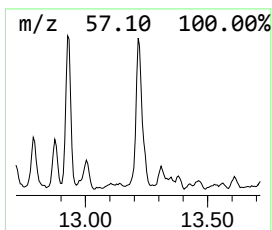
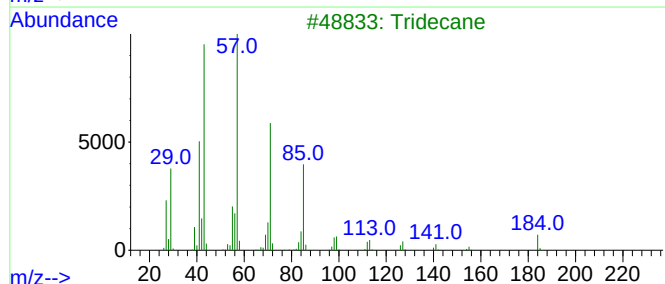
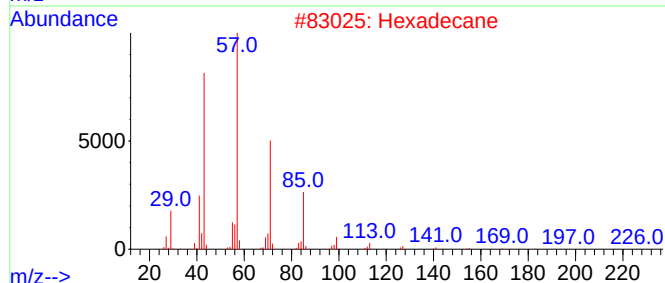
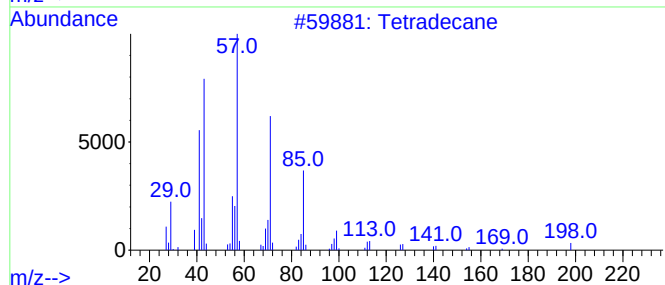
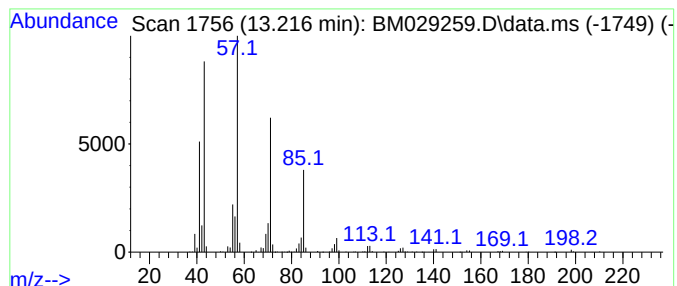
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	11.00 ng	754302	Acenaphthene-d10	14.386

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		Tridecane	184	C13H28	000629-50-5	72
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(33-34)

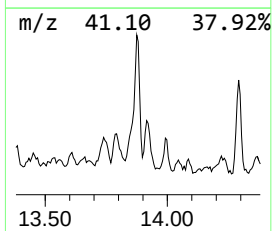
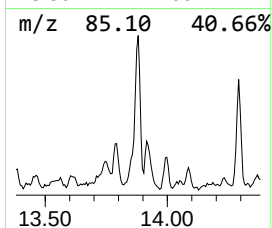
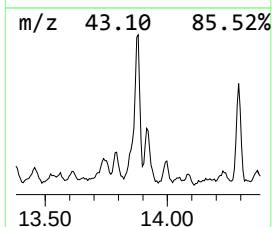
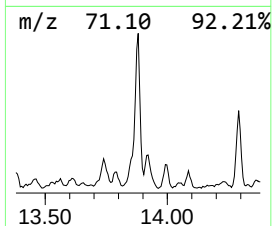
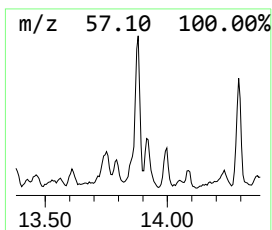
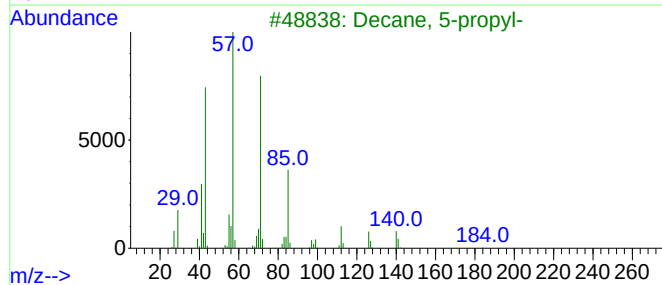
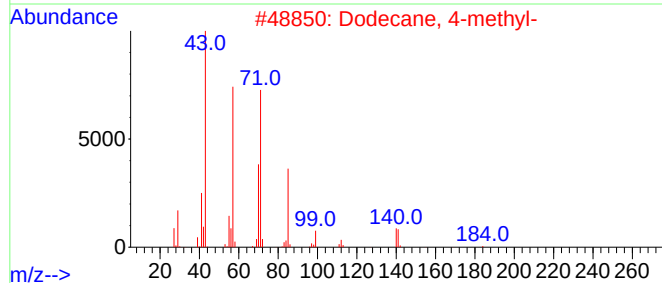
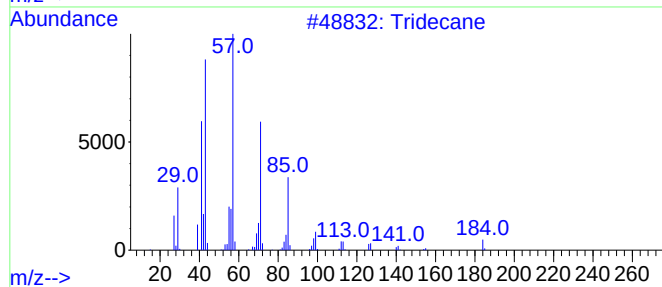
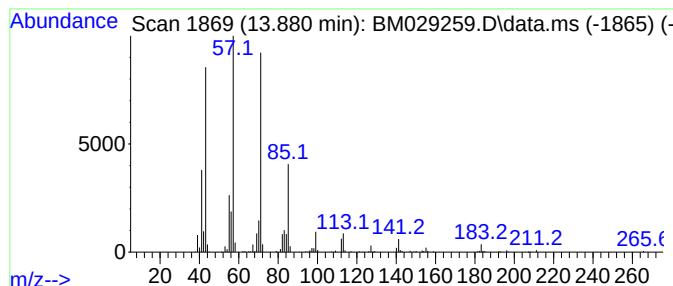
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	7.68 ng	526672	Acenaphthene-d10	14.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
3			Decane, 5-propyl-	184	C13H28	017312-62-8	83
4			Decane, 2-methyl-	156	C11H24	006975-98-0	80
5			Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB13(33-34)

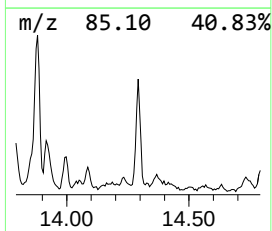
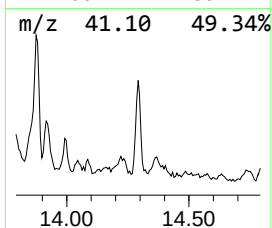
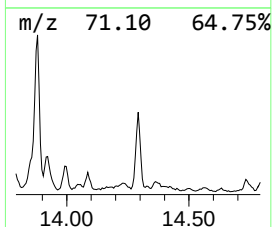
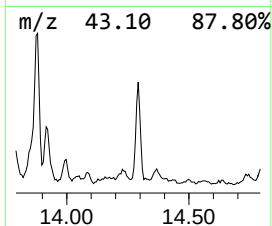
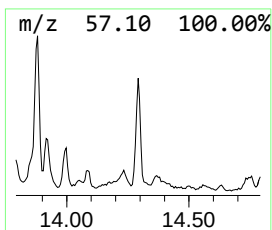
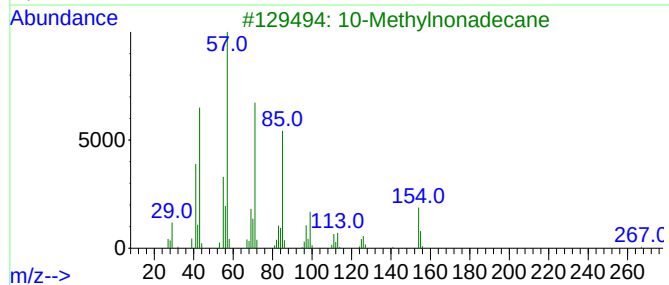
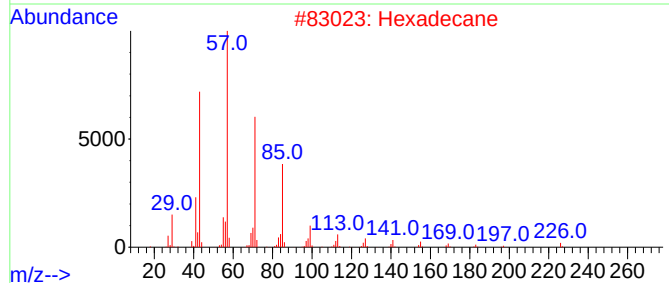
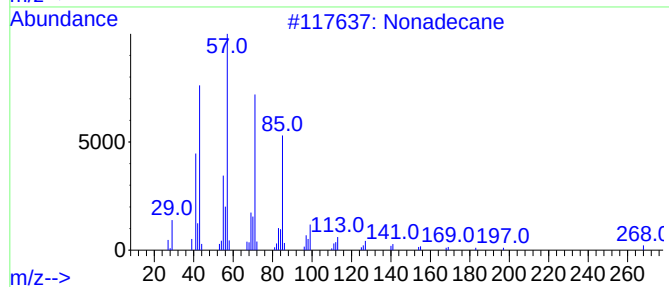
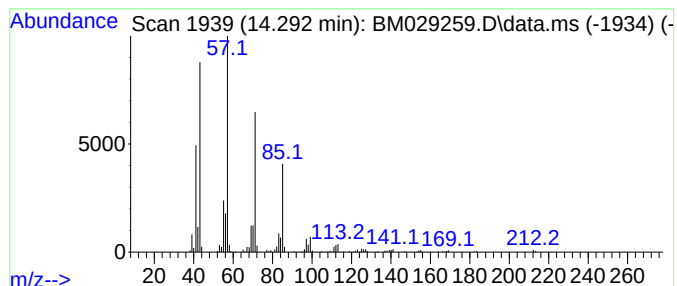
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.292	4.45 ng	305529	Acenaphthene-d10	14.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	87
2		Hexadecane	226	C16H34	000544-76-3	80
3		10-Methylnonadecane	282	C20H42	056862-62-5	64
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(33-34)

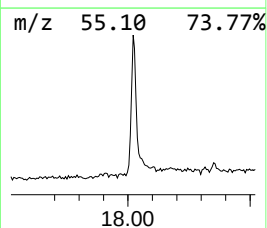
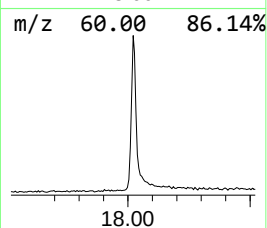
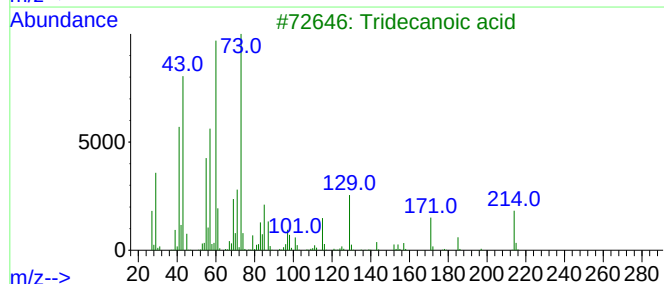
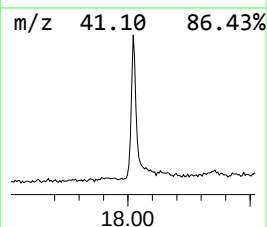
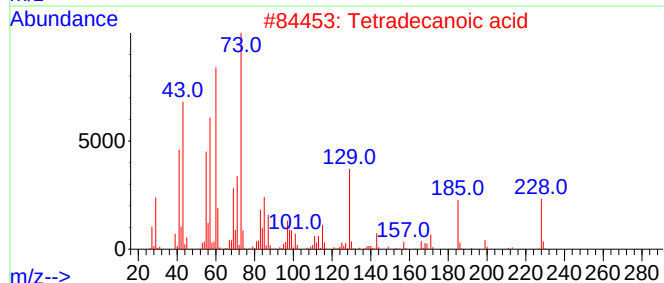
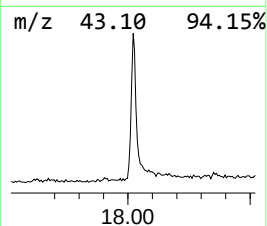
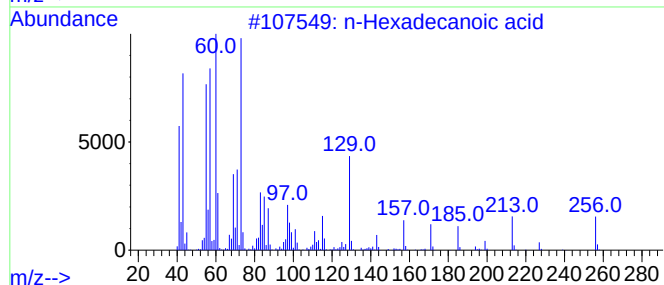
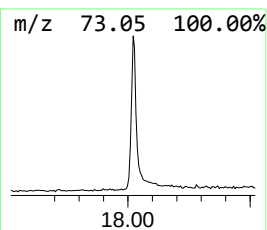
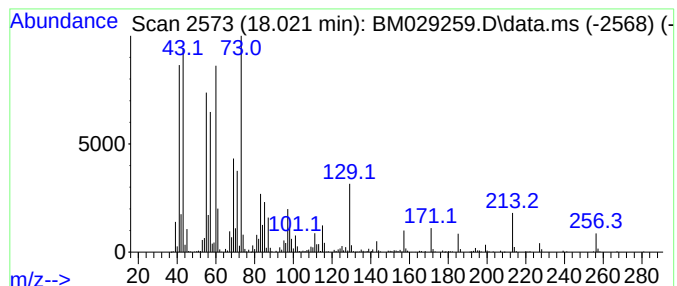
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	14.39 ng	961128	Phenanthrene-d10	17.121

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	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
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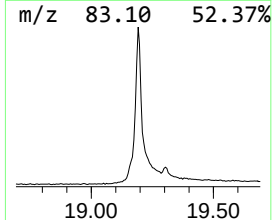
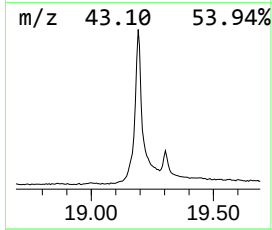
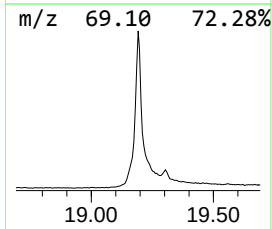
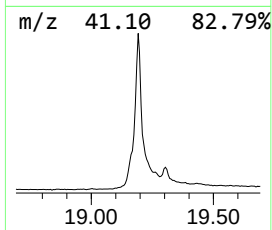
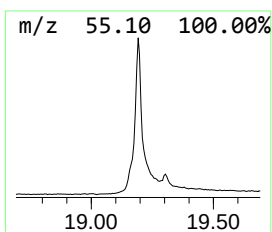
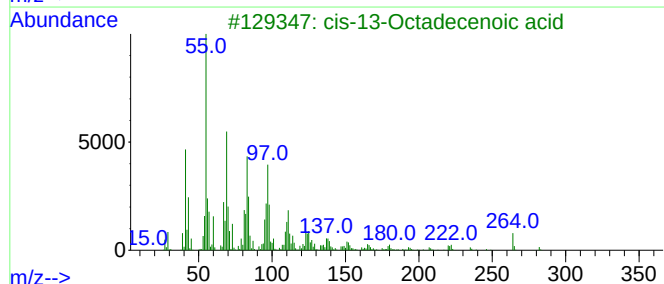
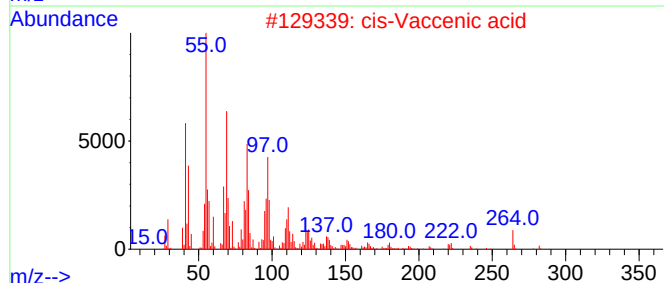
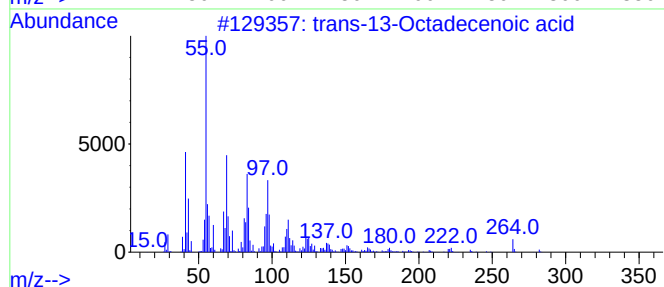
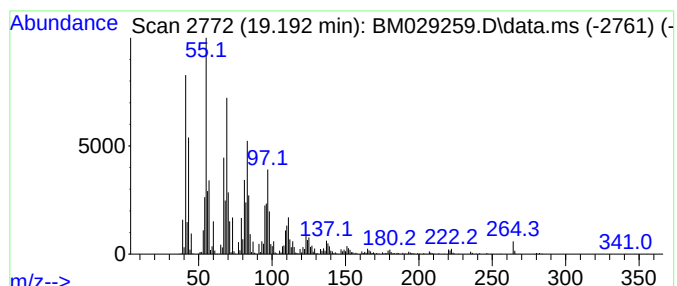
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ClientSampleId :
FS-SB13(33-34)

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 16 trans-13-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.192	151.36 ng	10113000	Phenanthrene-d10	17.121	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	97
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	96
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	86
5	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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FS-SB13(33-34)

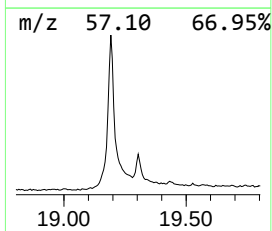
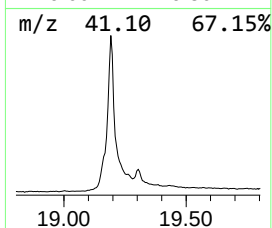
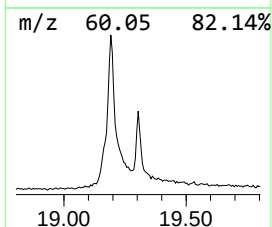
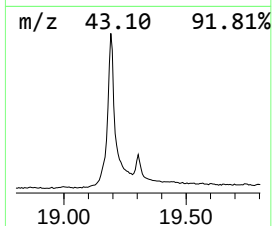
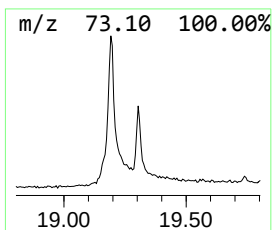
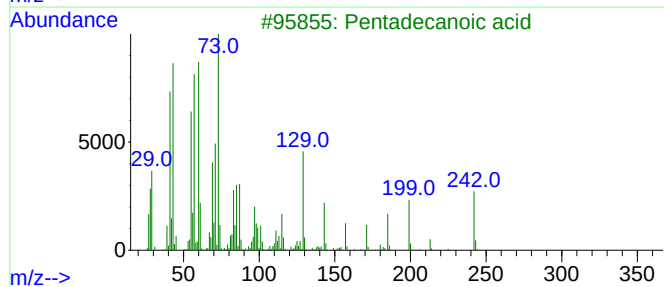
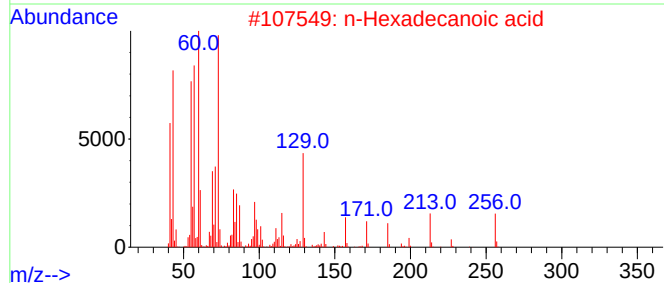
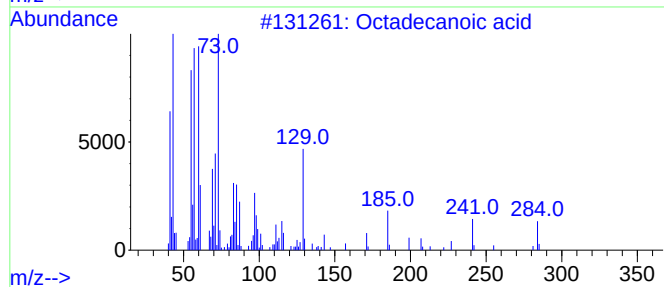
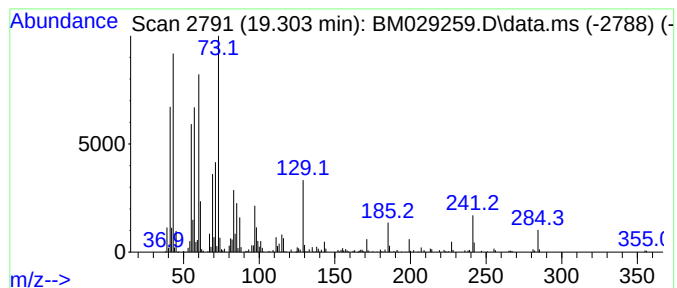
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.303	10.38 ng	844848	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
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FS-SB13(33-34)

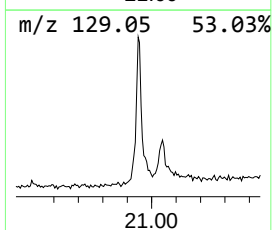
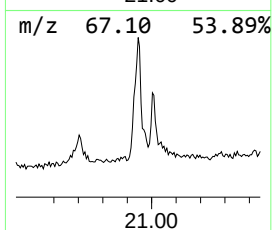
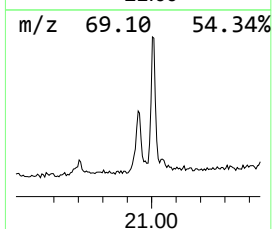
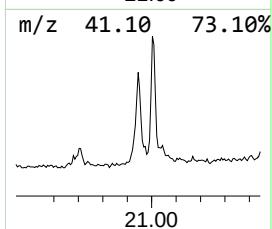
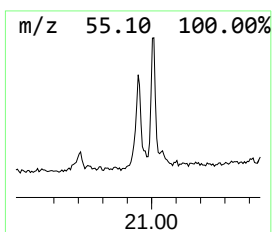
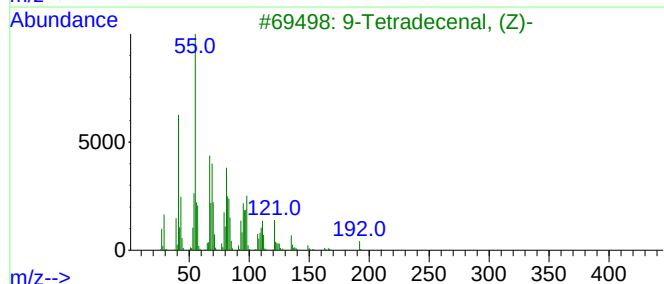
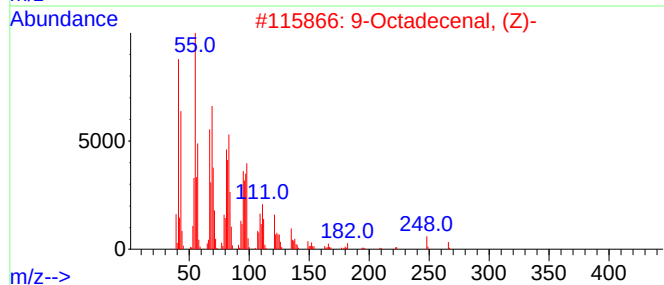
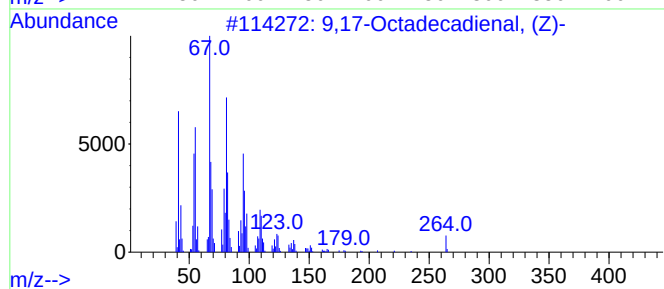
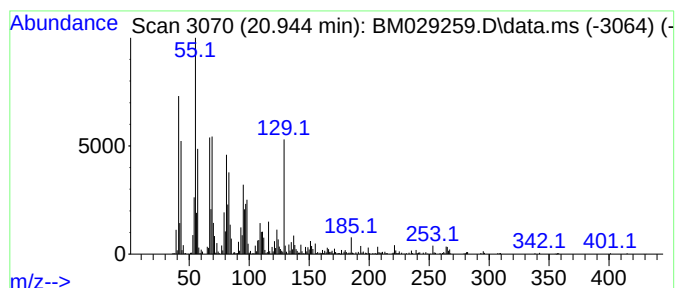
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,17-Octadecadienal, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	11.55 ng	939938	Chrysene-d12	21.286

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	90
2		9-Octadecenal, (Z)-	266	C18H34O	002423-10-1	83
3		9-Tetradecenal, (Z)-	210	C14H26O	053939-27-8	70
4		13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	64
5		9-Octadecenoic acid (Z)-, 2-hydr...	356	C21H40O4	003443-84-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FS-SB13(33-34)

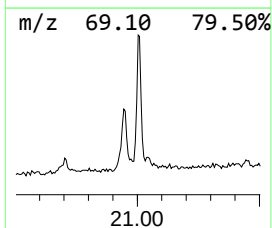
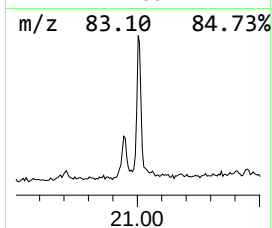
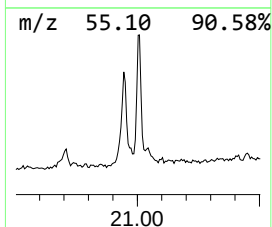
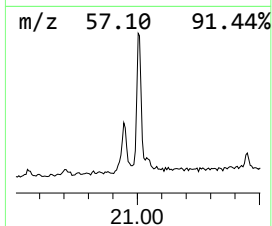
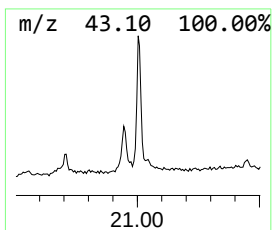
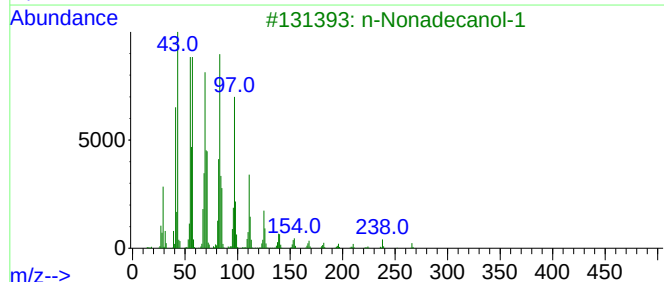
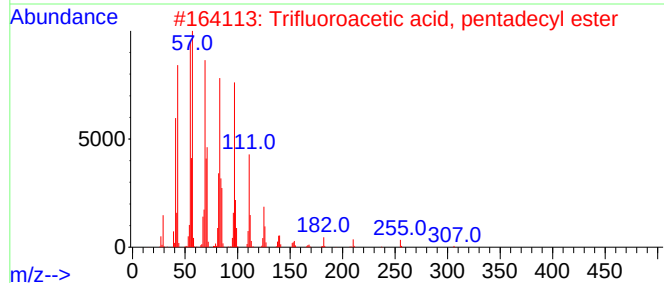
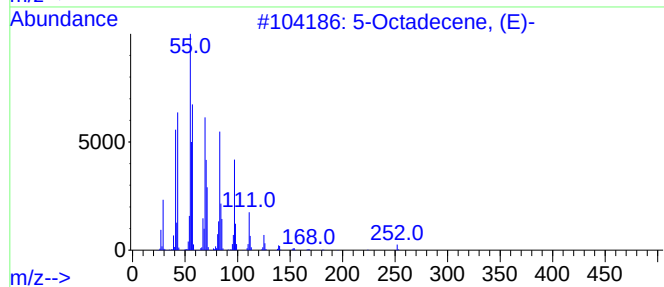
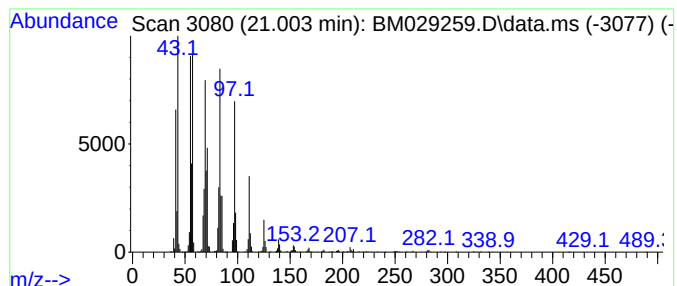
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.003	10.17 ng	827242	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4			2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029259.D
Acq On : 30 Mar 2021 00:10
Operator : CG/JU
Sample : M1828-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(33-34)

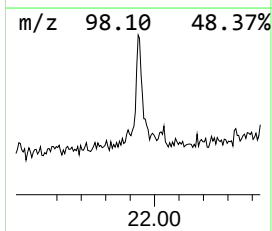
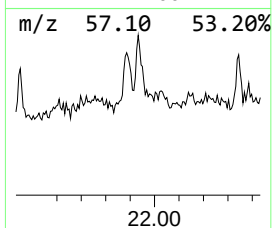
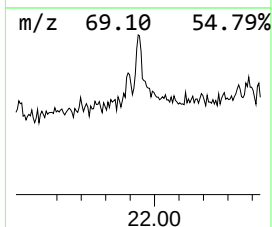
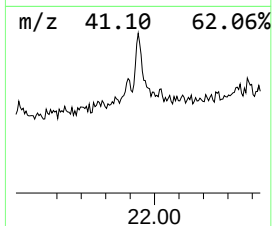
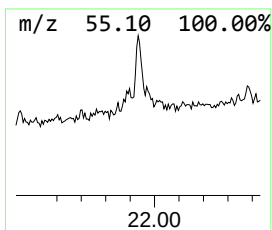
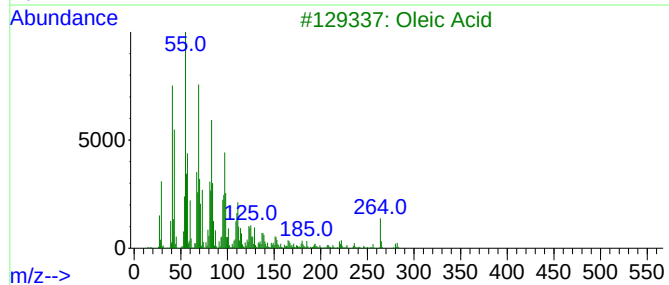
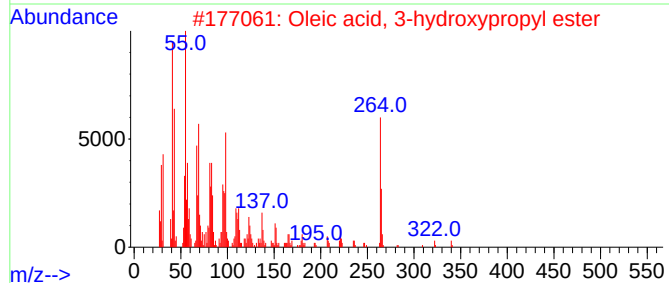
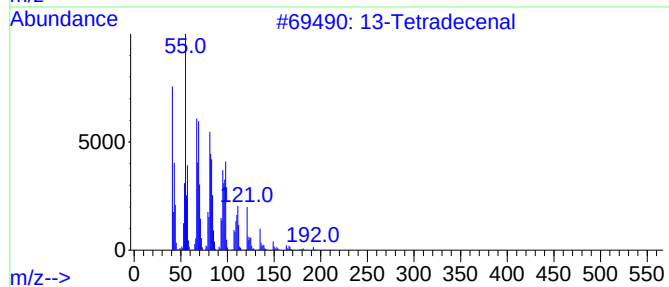
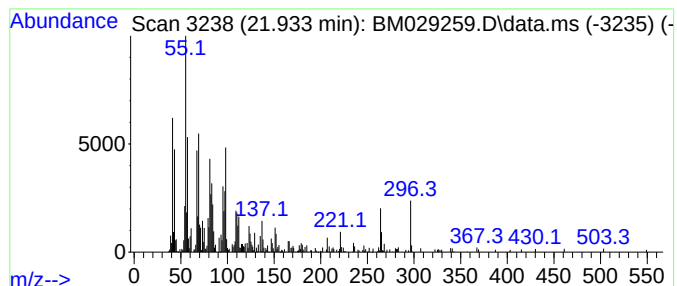
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 13-Tetradecenal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.933	5.64 ng	459119	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Tetradecenal	210	C14H26O	085896-31-7	53
2			Oleic acid, 3-hydroxypropyl ester	340	C21H40O3	000821-17-0	52
3			Oleic Acid	282	C18H34O2	000112-80-1	50
4			9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	27
5			1-(6-Methyl-2-piperidyl)propan-2...	155	C9H17NO	083285-66-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029259.D
 Acq On : 30 Mar 2021 00:10
 Operator : CG/JU
 Sample : M1828-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB13(33-34)

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...	3.016	22.0	ng	872371	1	7.757	792613	20.0
Propane, 1,1-di...	3.057	4.4	ng	173500	1	7.757	792613	20.0
2-Pentanone, 4-...	4.904	8.5	ng	337831	1	7.757	792613	20.0
Undecane, 2,6-d...	10.710	4.5	ng	290372	2	10.539	1276680	20.0
Cyclohexane, (4...	11.245	4.0	ng	255690	2	10.539	1276680	20.0
Dodecane, 2-met...	11.463	3.8	ng	245105	2	10.539	1276680	20.0
Dodecane, 4,6-d...	11.569	12.3	ng	786129	2	10.539	1276680	20.0
Tridecane	11.969	10.1	ng	645681	2	10.539	1276680	20.0
Tridecane, 6-me...	12.192	3.2	ng	205903	2	10.539	1276680	20.0
Heptylcyclohexane	12.663	4.2	ng	285622	3	14.386	1372020	20.0
Dodecane, 2,7,1...	12.927	8.6	ng	587132	3	14.386	1372020	20.0
Tetradecane	13.216	11.0	ng	754302	3	14.386	1372020	20.0
Dodecane, 4-met...	13.880	7.7	ng	526672	3	14.386	1372020	20.0
Nonadecane	14.292	4.5	ng	305529	3	14.386	1372020	20.0
n-Hexadecanoic ...	18.021	14.4	ng	961128	4	17.121	1336290	20.0
trans-13-Octade...	19.192	151.4	ng	10113000	4	17.121	1336290	20.0
Octadecanoic acid	19.303	10.4	ng	844848	5	21.286	1627400	20.0
9,17-Octadecadi...	20.945	11.6	ng	939938	5	21.286	1627400	20.0
5-Octadecene, (E)-	21.003	10.2	ng	827242	5	21.286	1627400	20.0
13-Tetradecenal	21.933	5.6	ng	459119	5	21.286	1627400	20.0