

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120453.D
 Acq On : 29 May 2020 21:39
 Operator : MA/SJ
 Sample : L2773-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-2020-0-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.940	5	9	11	rBV	715284	881378	12.33%	1.193%
2	1.957	11	12	23	rVB	1456301	1538632	21.52%	2.083%
3	2.116	34	39	53	rVB	1068501	1346879	18.84%	1.823%
4	5.057	527	539	542	rBV3	41712	123820	1.73%	0.168%
5	5.457	601	607	610	rBV	5189946	5555725	77.70%	7.520%
6	6.469	772	779	782	rBV	5023422	5820451	81.40%	7.878%
7	6.839	838	842	845	rBV	1914858	1677571	23.46%	2.271%
8	6.998	864	869	872	rVB	5520912	5335169	74.62%	7.221%
9	7.404	931	938	941	rBV	3912611	4311402	60.30%	5.836%
10	8.116	1055	1059	1063	rBV	2229116	2088834	29.21%	2.827%
11	8.810	1172	1177	1180	rBV	490049	586320	8.20%	0.794%
12	9.198	1237	1243	1246	rBV	7314150	7150211	100.00%	9.678%
13	9.586	1305	1309	1312	rBV	1168217	872076	12.20%	1.180%
14	9.875	1351	1358	1361	rBV	2617181	2198481	30.75%	2.976%
15	10.663	1487	1492	1495	rBV	3839269	3759668	52.58%	5.089%
16	11.016	1547	1552	1558	rBV3	52055	85928	1.20%	0.116%
17	11.304	1599	1601	1605	rBV3	67951	72235	1.01%	0.098%
18	11.357	1605	1610	1612	rVV	2273898	1848904	25.86%	2.503%
19	11.380	1612	1614	1617	rVB	229882	195617	2.74%	0.265%
20	11.816	1683	1688	1692	rBV	220089	292370	4.09%	0.396%
21	11.851	1692	1694	1697	rVV2	110835	115213	1.61%	0.156%
22	11.886	1697	1700	1706	rVV	462604	445812	6.23%	0.603%
23	12.063	1727	1730	1736	rVB	98773	96768	1.35%	0.131%
24	12.169	1740	1748	1753	rVB4	37943	86107	1.20%	0.117%
25	12.480	1798	1801	1804	rVB2	328199	257384	3.60%	0.348%
26	12.551	1809	1813	1814	rBV	494388	411392	5.75%	0.557%
27	12.563	1814	1815	1819	rVB	383655	309456	4.33%	0.419%
28	12.610	1819	1823	1830	rBV2	132100	166135	2.32%	0.225%
29	12.792	1848	1854	1857	rBV	321188	357853	5.00%	0.484%
30	12.945	1875	1880	1883	rBV	5494702	5319652	74.40%	7.200%
31	13.157	1913	1916	1918	rBV	166048	164448	2.30%	0.223%
32	13.215	1924	1926	1935	rBV4	62944	85537	1.20%	0.116%
33	13.292	1935	1939	1942	rBV	262607	209977	2.94%	0.284%
34	13.392	1953	1956	1959	rBV2	79619	72931	1.02%	0.099%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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Filtering: 5
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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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35	13.421	1959	1961	1969	rVB2	80412	80158	1.12%	0.108%
36	13.510	1972	1976	1982	rBV5	97238	161856	2.26%	0.219%
37	13.563	1982	1985	1987	rBV	138907	109534	1.53%	0.148%
38	13.633	1994	1997	2001	rVB2	208921	187995	2.63%	0.254%
39	13.845	2029	2033	2039	rBV2	850519	1040095	14.55%	1.408%
40	13.898	2039	2042	2044	rBV	233445	189405	2.65%	0.256%
41	13.992	2051	2058	2061	rBV2	1788405	2703818	37.81%	3.660%
42	14.015	2061	2062	2067	rVB	175926	124689	1.74%	0.169%
43	14.168	2085	2088	2092	rBV2	104321	147997	2.07%	0.200%
44	14.215	2093	2096	2099	rVB2	120389	104851	1.47%	0.142%
45	14.286	2105	2108	2111	rBV	365568	311840	4.36%	0.422%
46	14.474	2136	2140	2146	rBV2	398428	569631	7.97%	0.771%
47	14.527	2146	2149	2152	rVB	133694	118847	1.66%	0.161%
48	14.851	2201	2204	2208	rVB	86888	89142	1.25%	0.121%
49	14.915	2212	2215	2221	rVB	475187	527422	7.38%	0.714%
50	15.021	2230	2233	2236	rBV	146383	200737	2.81%	0.272%
51	15.109	2244	2248	2250	rBV	524509	579496	8.10%	0.784%
52	15.139	2250	2253	2259	rVB2	451104	593000	8.29%	0.803%
53	15.321	2281	2284	2287	rVB	99137	98626	1.38%	0.133%
54	15.380	2288	2294	2298	rVB2	138511	253147	3.54%	0.343%
55	15.445	2300	2305	2309	rBV	1162304	1444195	20.20%	1.955%
56	15.486	2309	2312	2316	rVB2	114709	154913	2.17%	0.210%
57	15.686	2342	2346	2352	rVB	449128	567598	7.94%	0.768%
58	15.921	2381	2386	2391	rBV	1167153	1754745	24.54%	2.375%
59	15.968	2391	2394	2403	rVB	655363	1080382	15.11%	1.462%
60	16.321	2451	2454	2463	rVB8	107880	204598	2.86%	0.277%
61	16.709	2514	2520	2529	rBV	726922	1357967	18.99%	1.838%
62	16.921	2545	2556	2565	rVB5	160585	567636	7.94%	0.768%
63	17.009	2566	2571	2576	rBV2	155309	300248	4.20%	0.406%
64	17.098	2577	2586	2597	rBV2	774883	2159501	30.20%	2.923%
65	17.486	2645	2652	2658	rBV3	361107	881412	12.33%	1.193%
66	17.551	2658	2663	2666	rBV3	155535	281005	3.93%	0.380%
67	17.662	2677	2682	2685	rBV4	96826	188984	2.64%	0.256%
68	18.056	2744	2749	2755	rVV4	79664	198724	2.78%	0.269%
69	18.127	2757	2761	2770	rVB2	129090	282428	3.95%	0.382%
70	18.497	2819	2824	2839	rVB6	140641	424635	5.94%	0.575%

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ClientSampleId :
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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_F\METHODS\8270-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

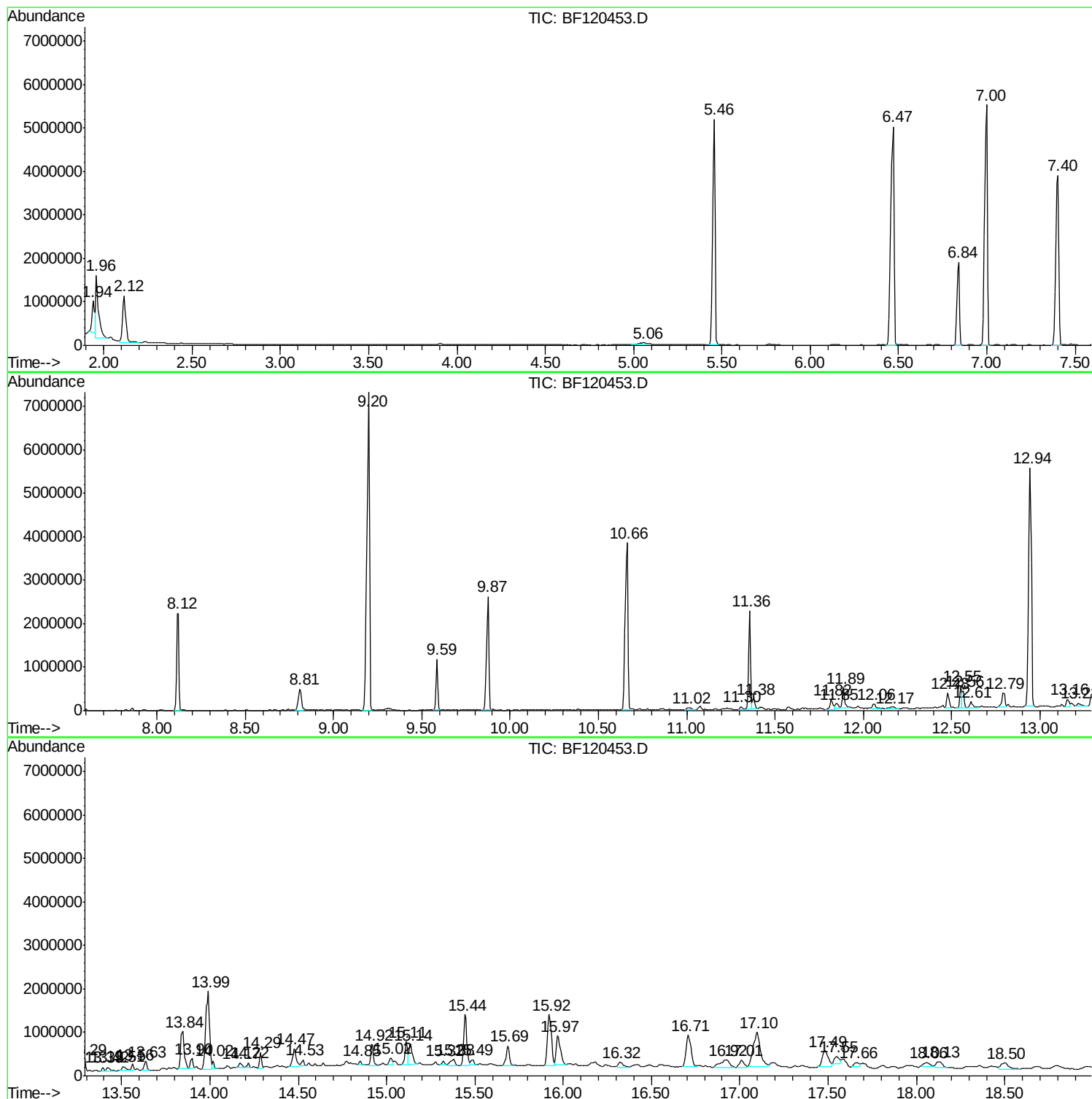
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : MA/SJ
Sample : L2773-13
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ALS Vial : 22 Sample Multiplier: 1

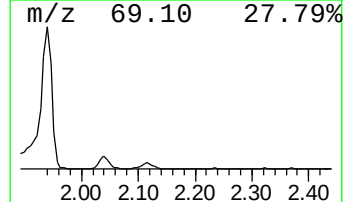
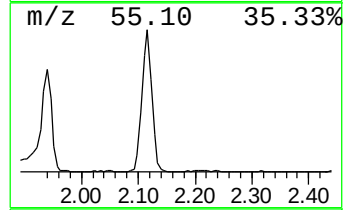
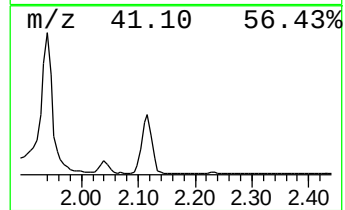
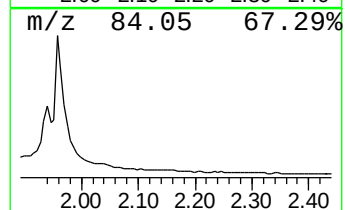
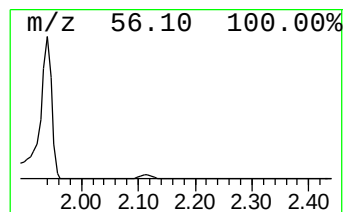
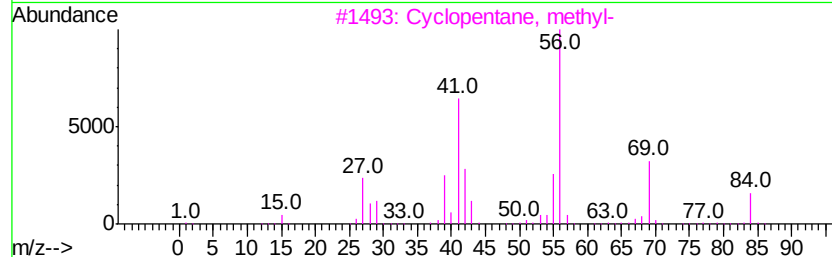
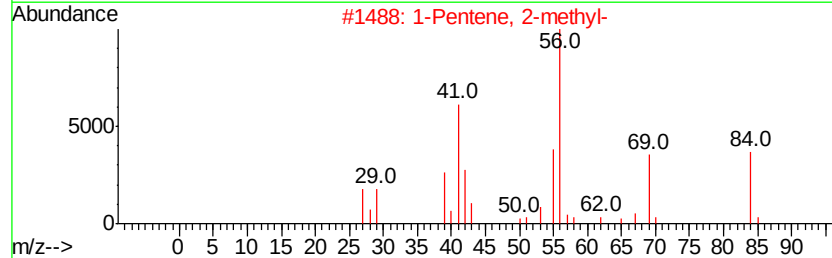
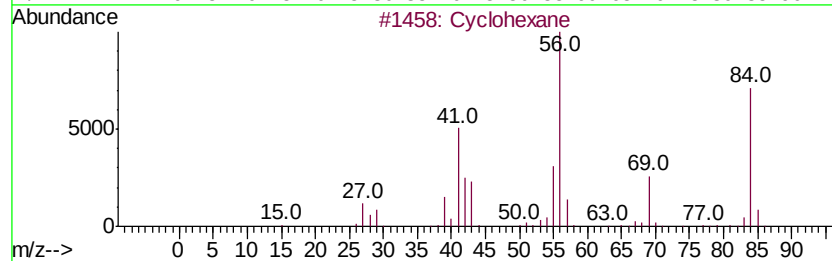
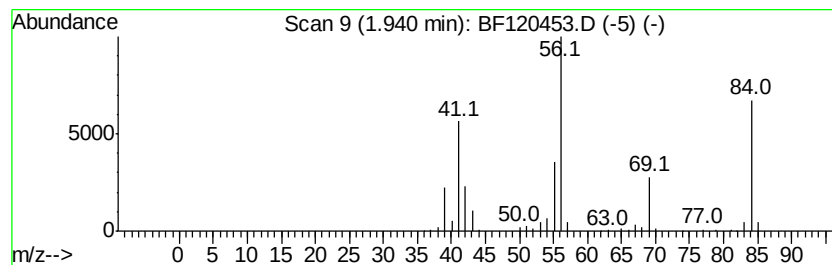
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	10.51 ng	881378	1,4-Dichlorobenzene-d4	6.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane	84 C6H12	000110-82-7 91
2		1-Pentene, 2-methyl-	84 C6H12	000763-29-1 72
3		Cyclopentane, methyl-	84 C6H12	000096-37-7 59
4		Cyclobutane, ethyl-	84 C6H12	004806-61-5 40
5		2,2-Dimethylglutaric anhydride	142 C7H10O3	002938-48-9 38



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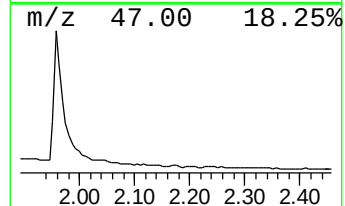
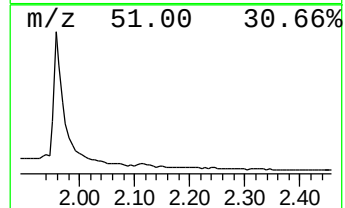
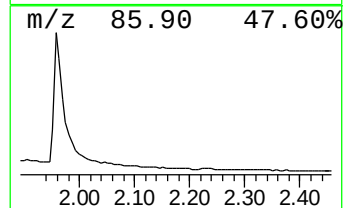
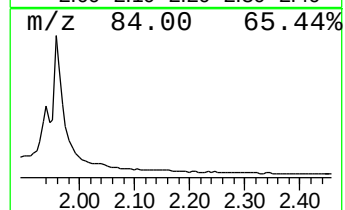
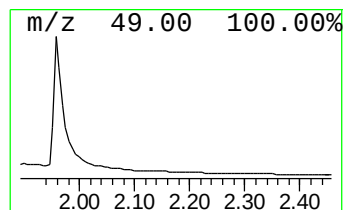
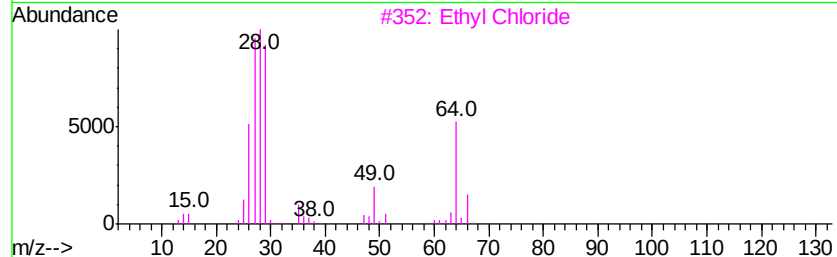
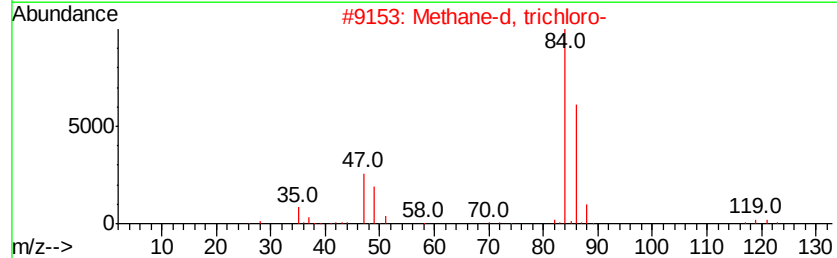
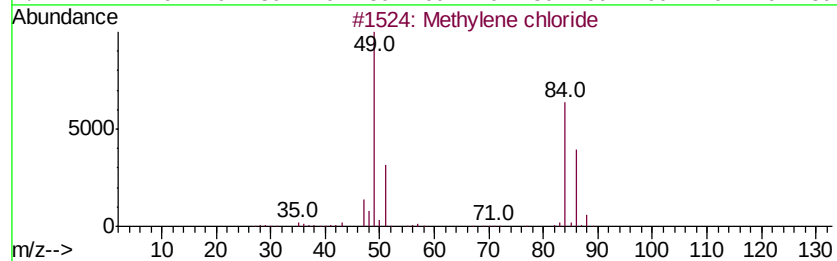
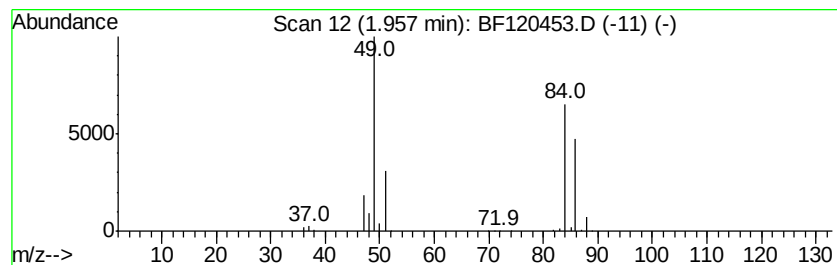
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Methylene chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	18.34 ng	1538630	1,4-Dichlorobenzene-d4	6.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methylene chloride	84	CH2Cl2	000075-09-2	91
2		Methane-d, trichloro-	119	CDCl3	000865-49-6	9
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4		Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5		2-Chloroethanol	80	C2H5ClO	000107-07-3	1



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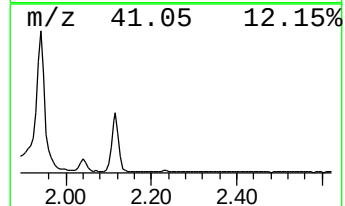
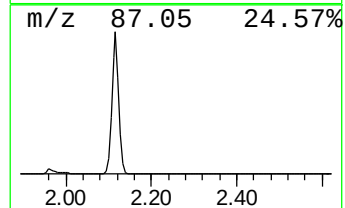
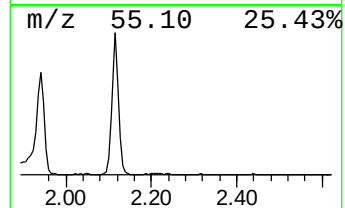
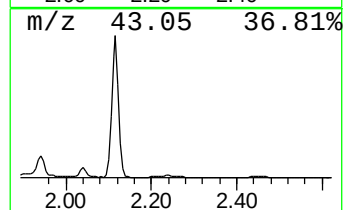
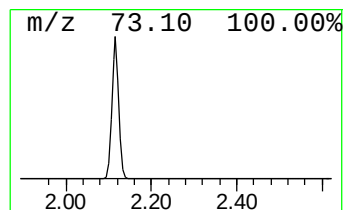
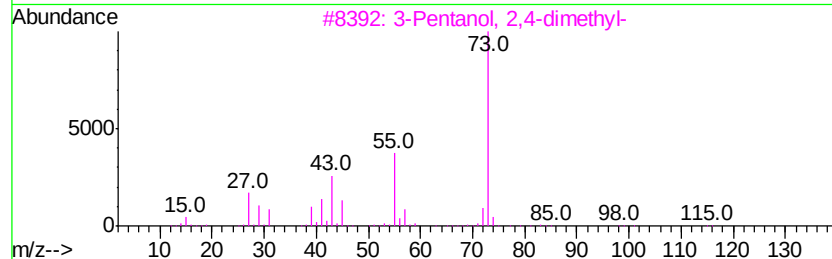
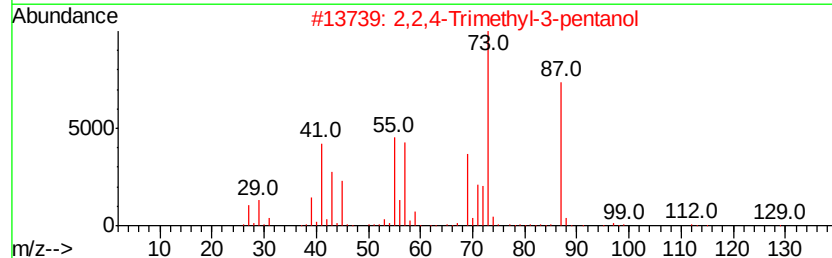
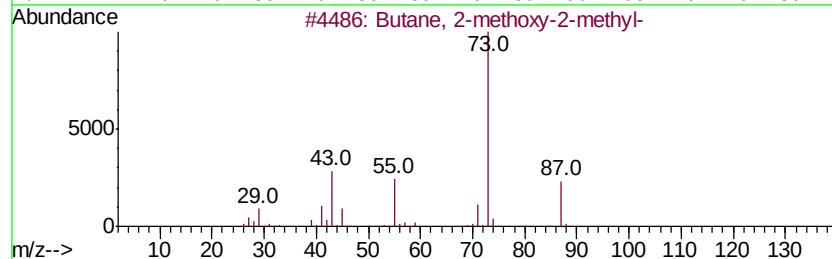
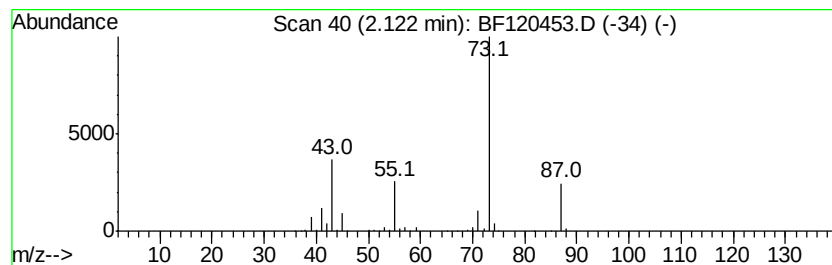
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	16.06 ng	1346880	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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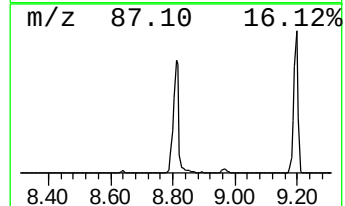
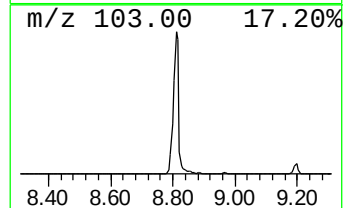
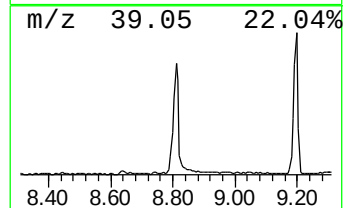
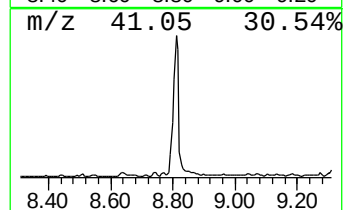
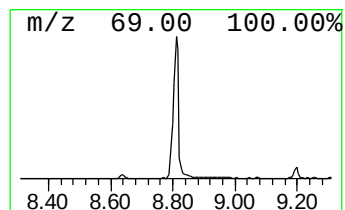
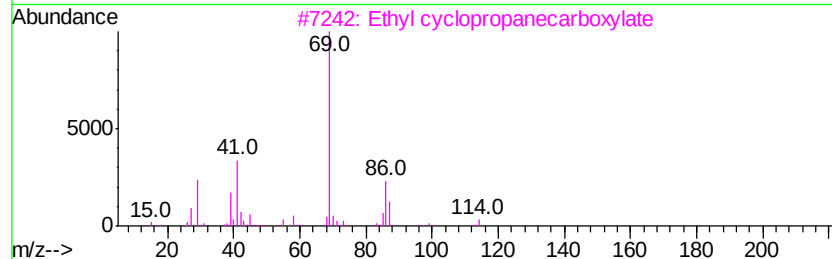
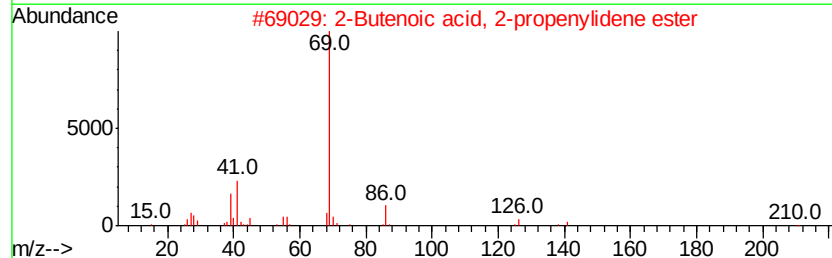
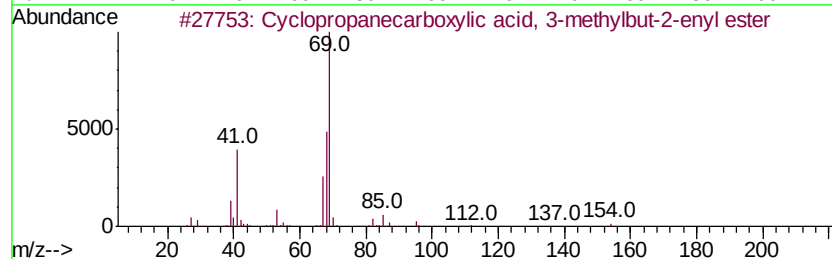
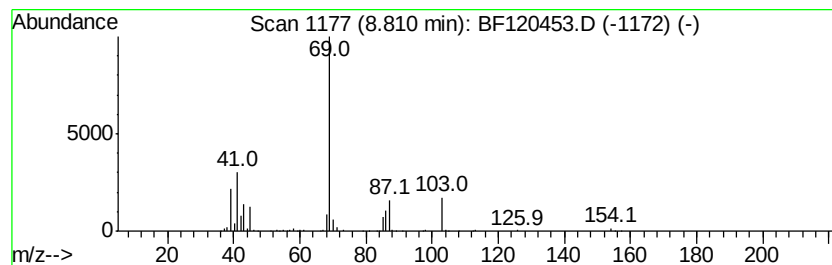
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopropanecarboxylic acid... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	5.61 ng	586320	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	50
2		2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	45
3		Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
4		Oxazole	69	C3H3NO	000288-42-6	9
5		1,6-Hexanediamine	116	C6H16N2	000124-09-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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Acq On : 29 May 2020 21:39
Operator : MA/SJ
Sample : L2773-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

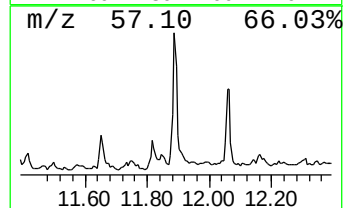
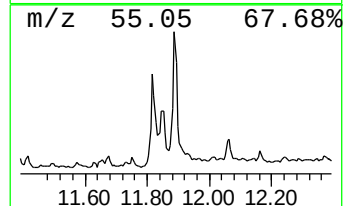
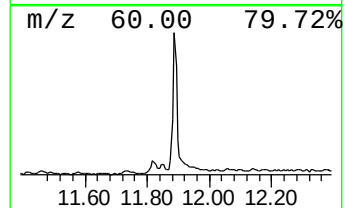
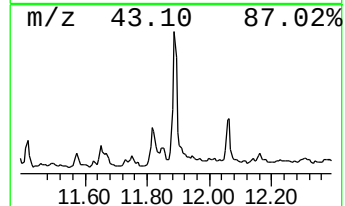
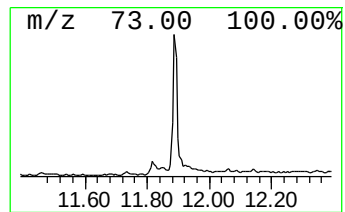
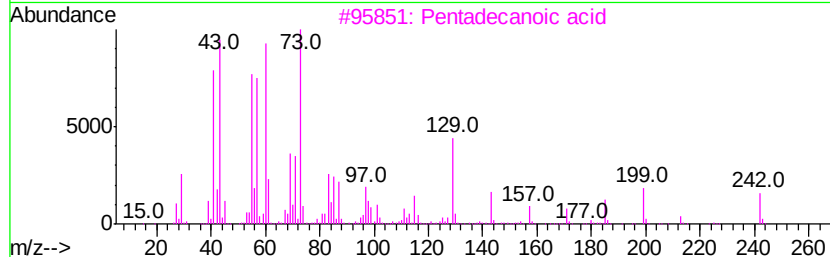
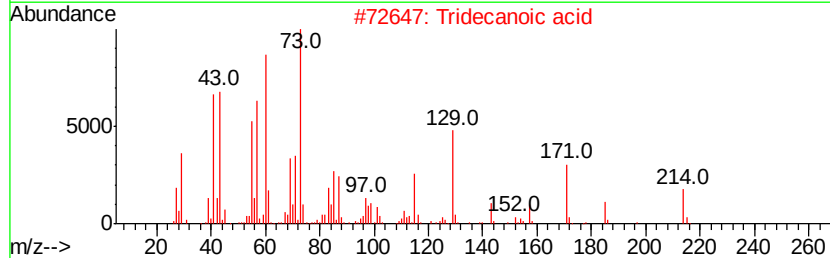
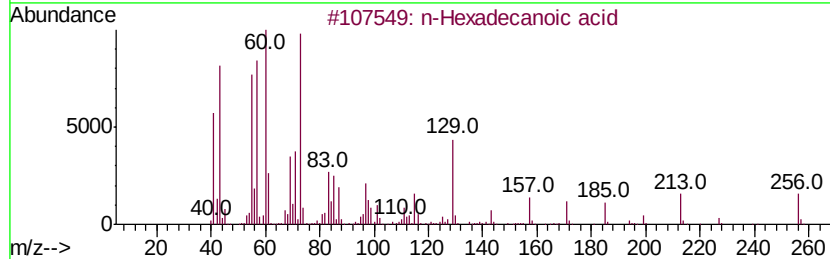
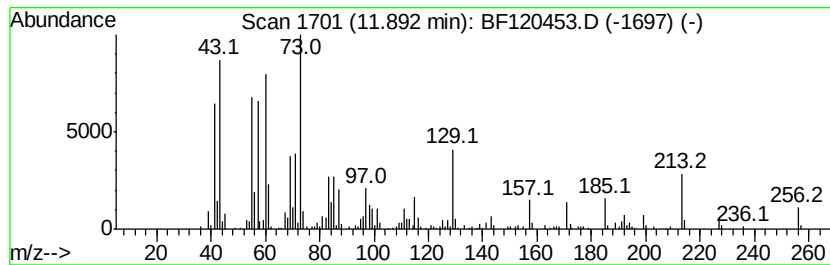
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	4.82 ng	445812	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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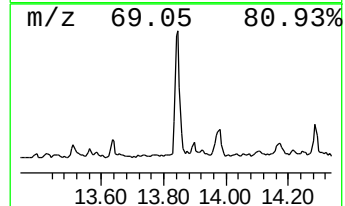
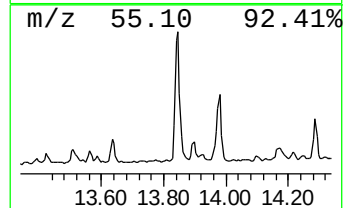
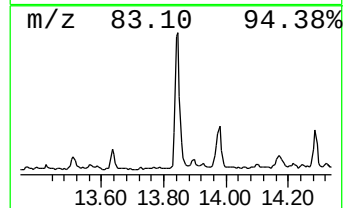
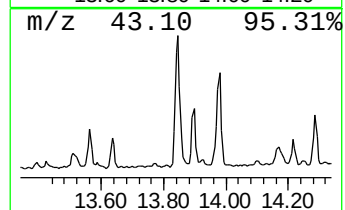
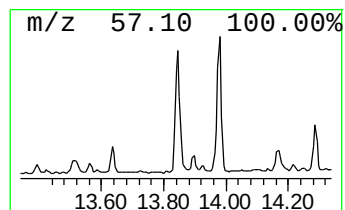
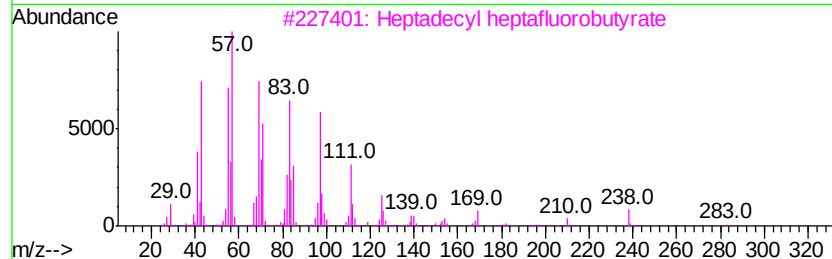
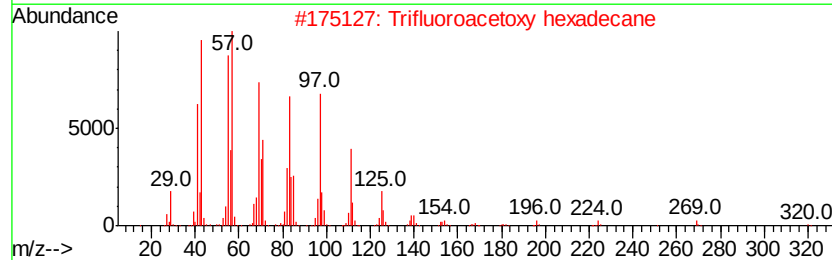
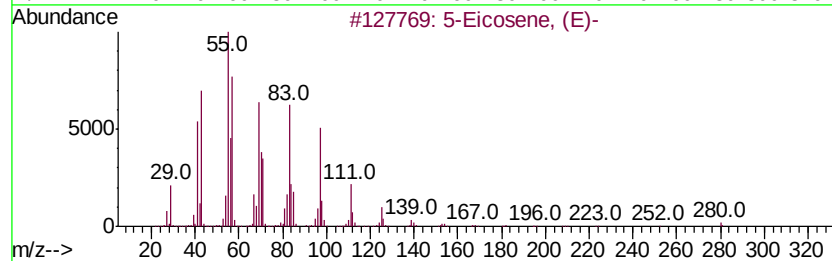
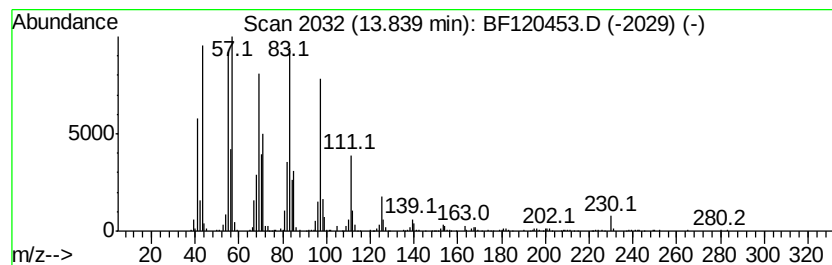
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.84	7.69 ng	1040100	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	94



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Sample : L2773-13
Misc :
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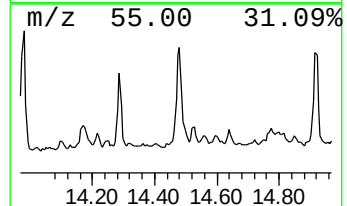
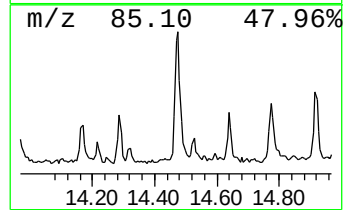
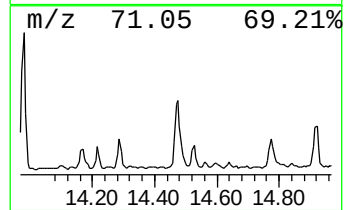
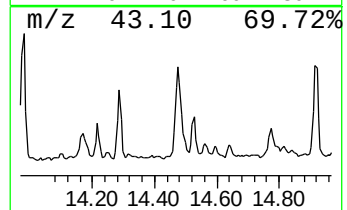
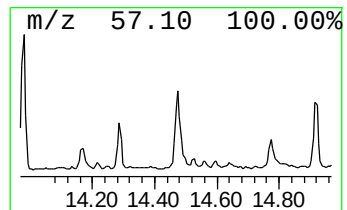
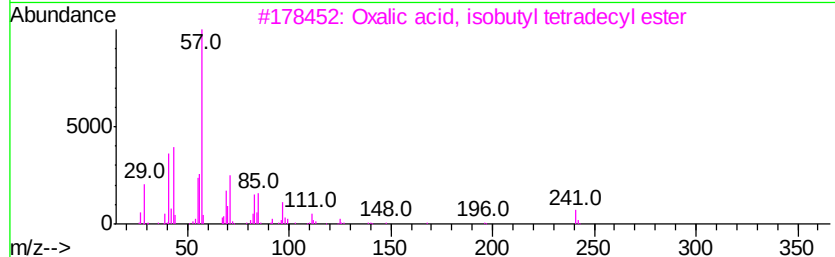
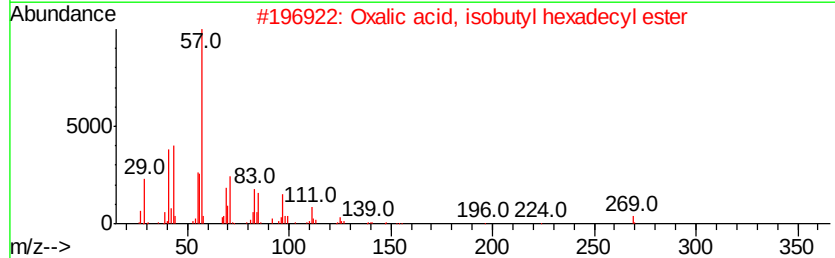
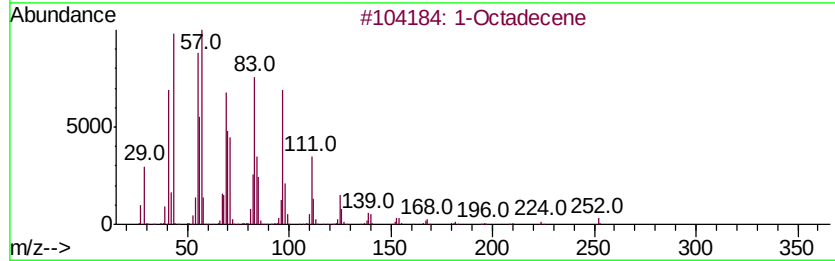
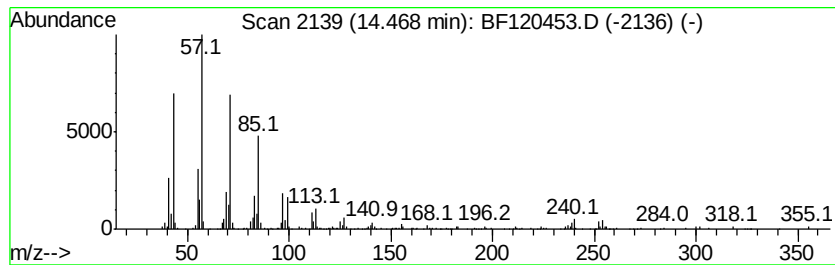
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Octadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.21 ng	569631	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene		252 C18H36	000112-88-9 94
2	Oxalic acid, isobutyl hexadecyl ...		370 C22H42O4	1000309-38-1 91
3	Oxalic acid, isobutyl tetradecyl...		342 C20H38O4	1000309-37-9 91
4	13-Tetradecen-1-ol acetate		254 C16H30O2	056221-91-1 78
5	1-Decanol, 2-hexyl-		242 C16H34O	002425-77-6 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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Instrument :
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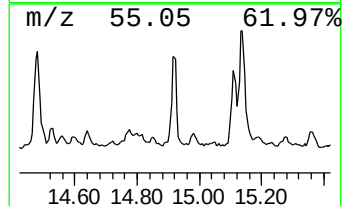
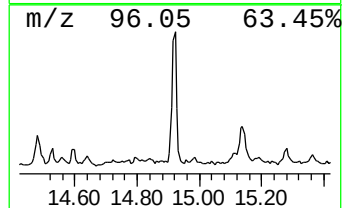
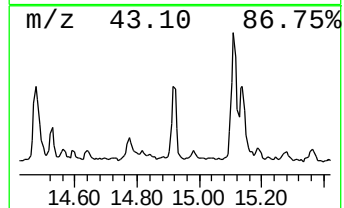
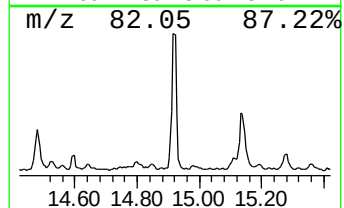
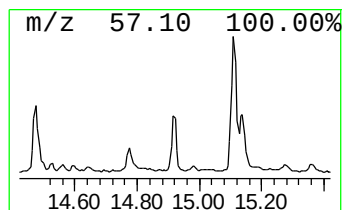
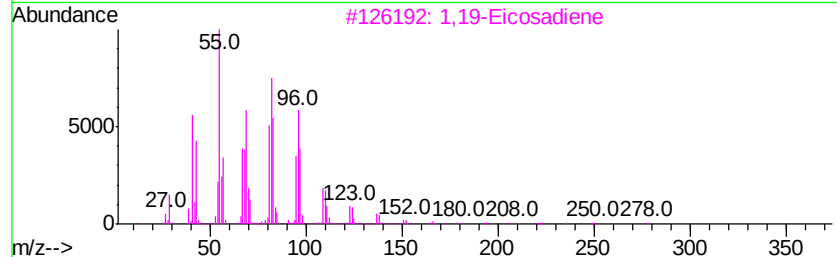
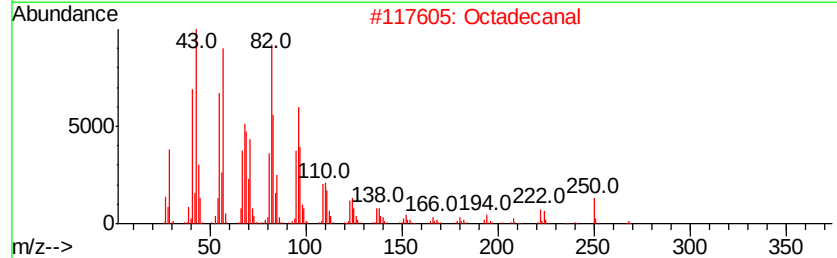
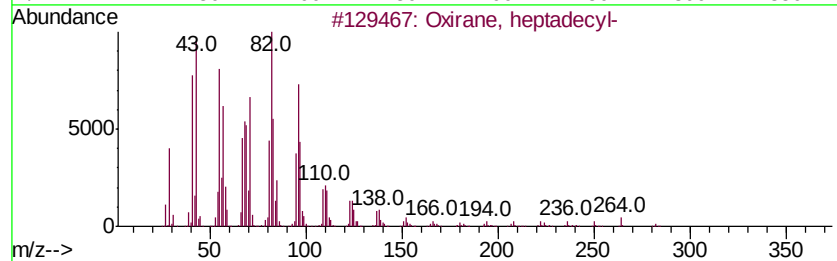
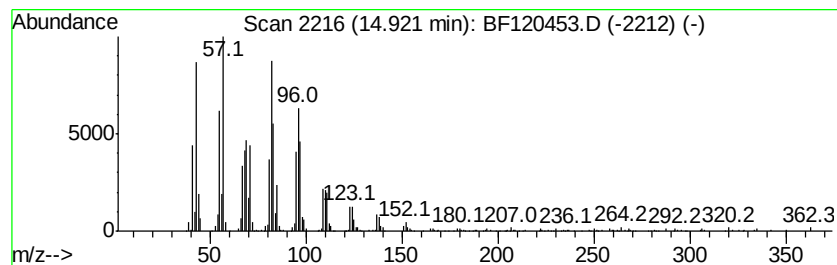
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxirane, heptadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	7.30 ng	527422	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2		Octadecanal	268	C18H36O	000638-66-4	91
3		1,19-Eicosadiene	278	C20H38	014811-95-1	87
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5		Hexadecanal	240	C16H32O	000629-80-1	87



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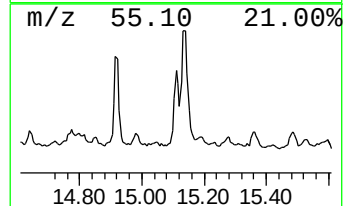
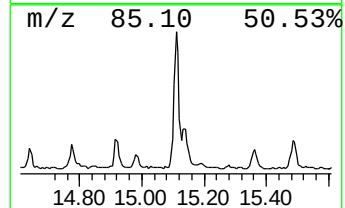
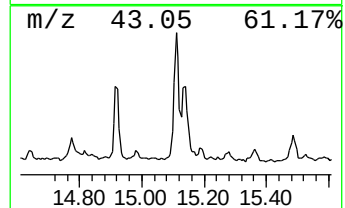
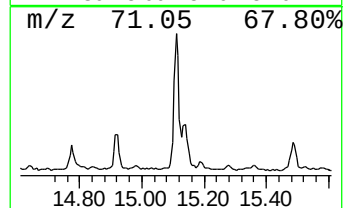
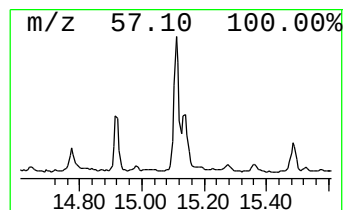
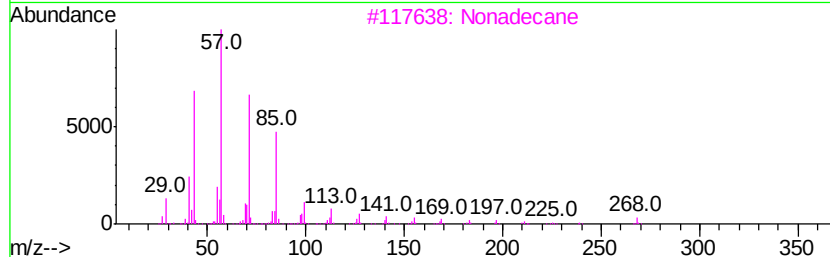
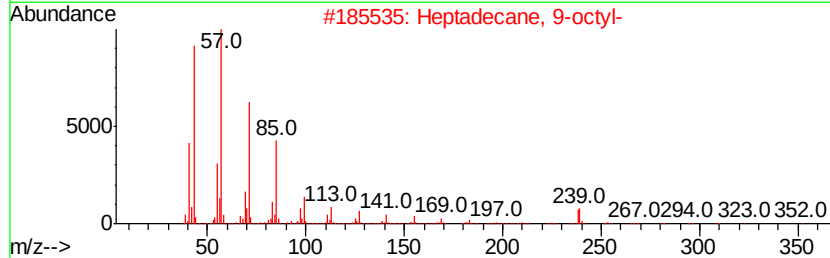
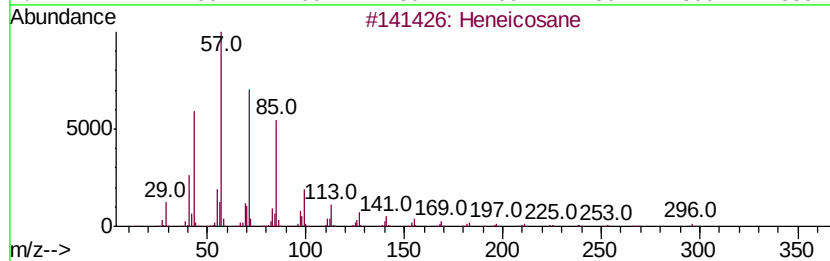
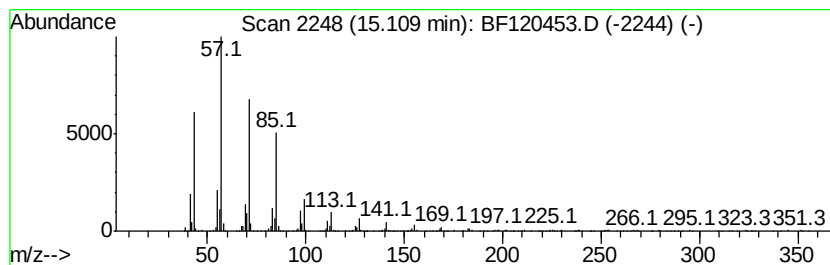
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.11	8.03 ng	579496	Perylene-d12		15.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexacosane	366	C26H54	000630-01-3	74



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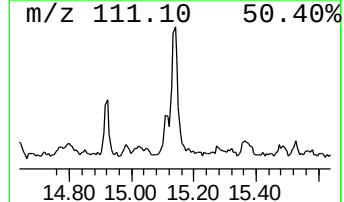
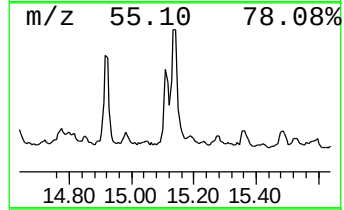
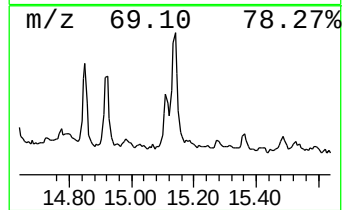
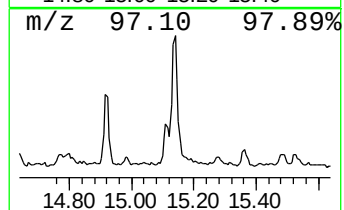
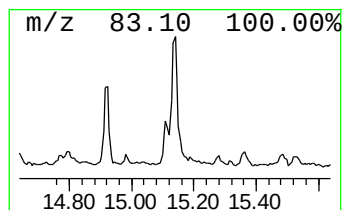
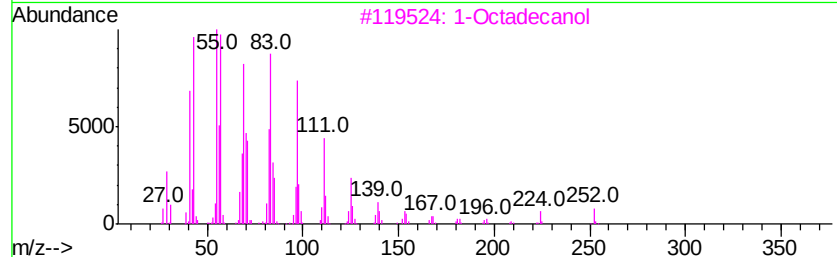
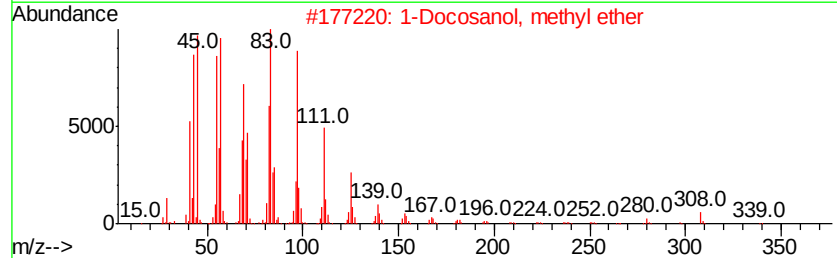
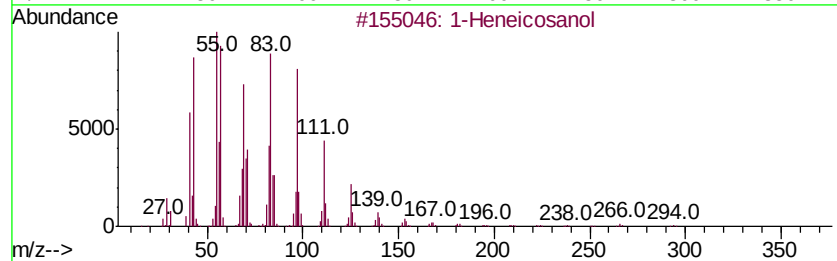
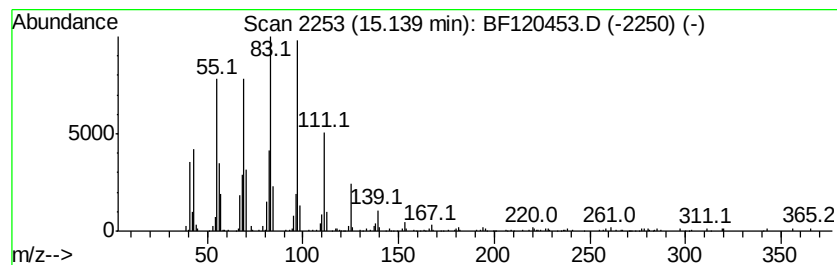
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.14	8.21 ng	593000	Perylene-d12		15.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	68
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	58
3	1-Octadecanol	270	C18H38O	000112-92-5	58
4	1-Hexadecanol	242	C16H34O	036653-82-4	50
5	Cycloheptane, methyl-	112	C8H16	004126-78-7	43



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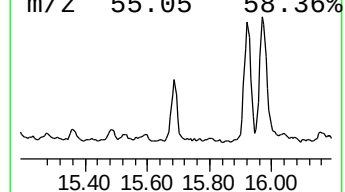
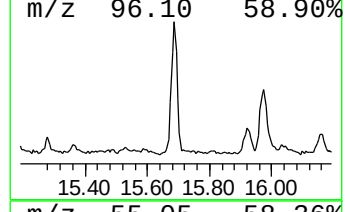
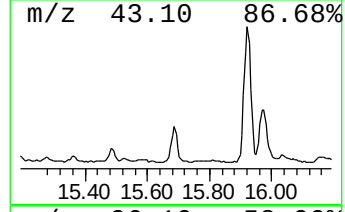
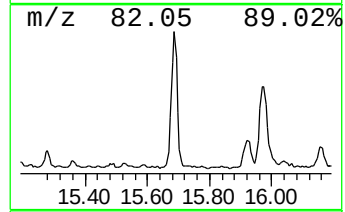
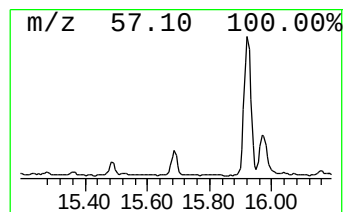
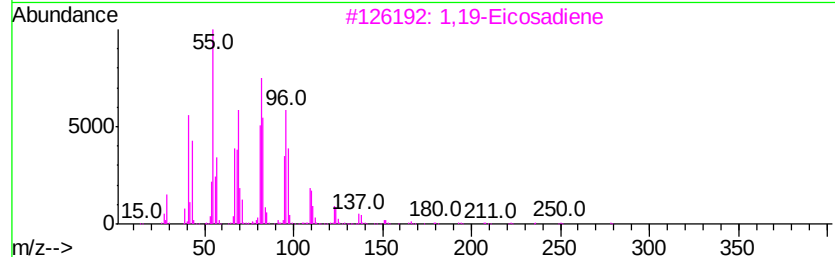
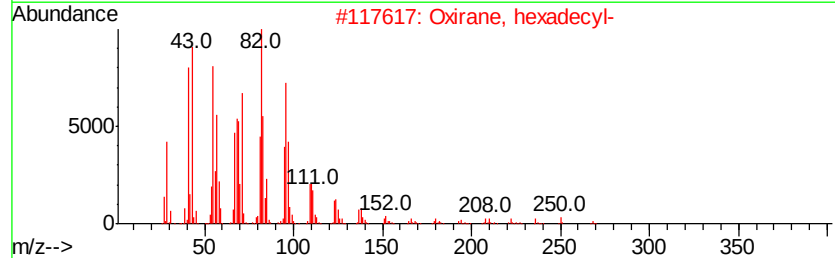
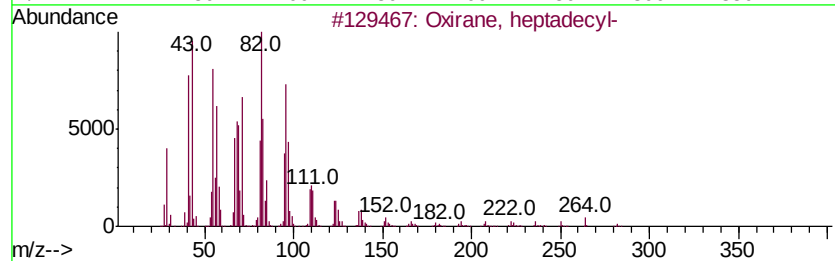
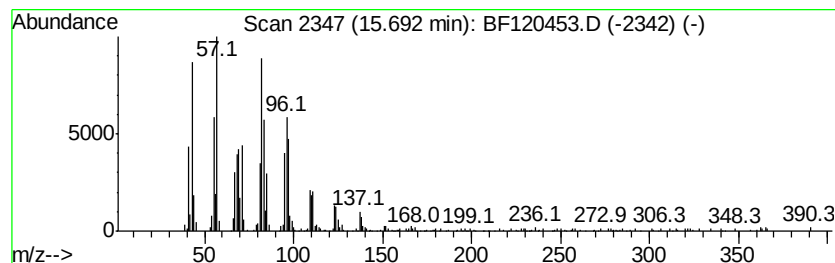
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	7.86 ng	567598	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			1,19-Eicosadiene	278	C20H38	014811-95-1	90
4			Octadecanal	268	C18H36O	000638-66-4	90
5			Heptadecanal	254	C17H34O	1000376-70-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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Acq On : 29 May 2020 21:39
Operator : MA/SJ
Sample : L2773-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-2020-0-6

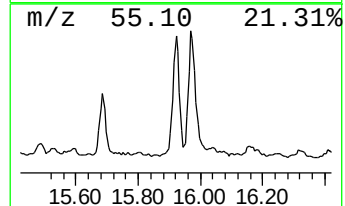
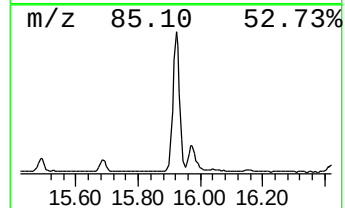
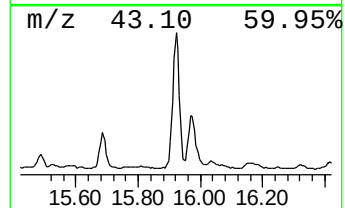
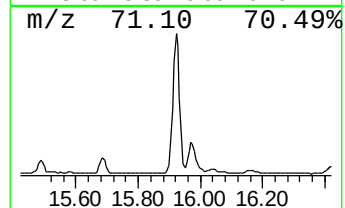
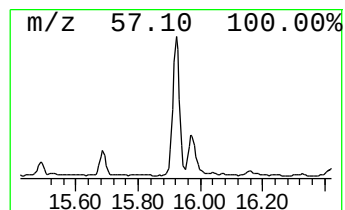
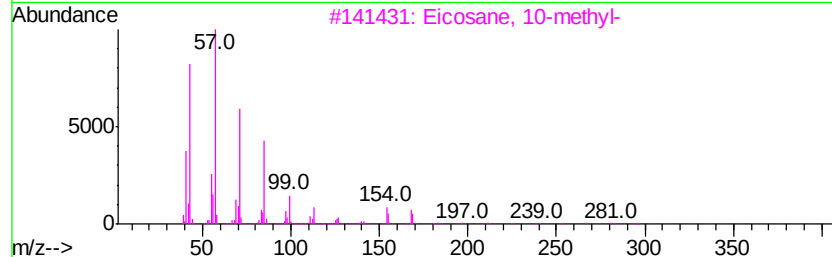
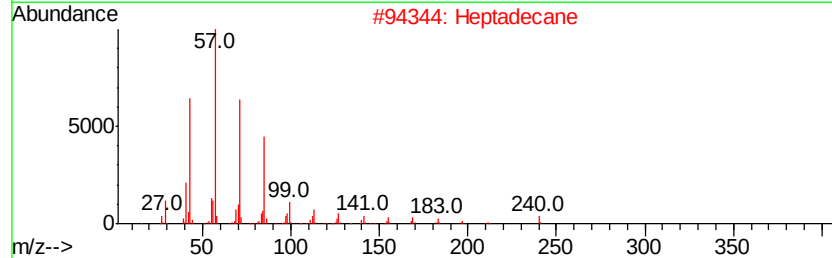
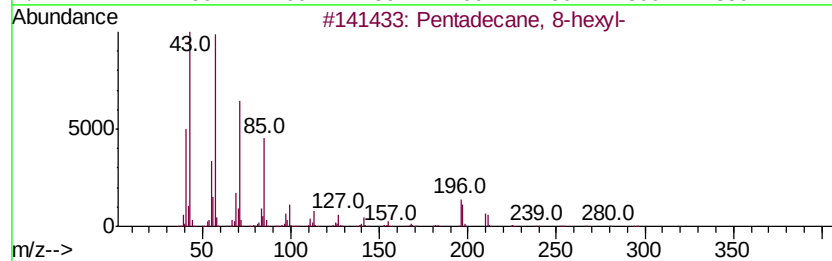
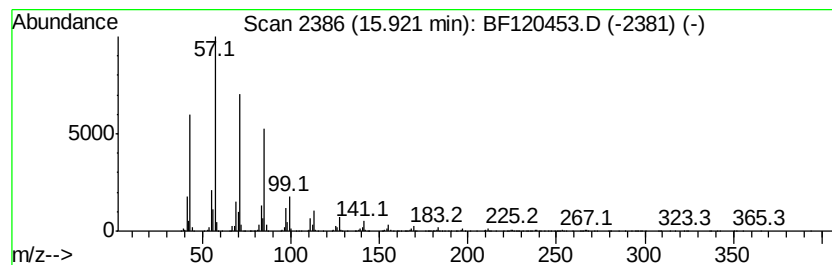
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentadecane, 8-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	24.30 ng	1754750	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



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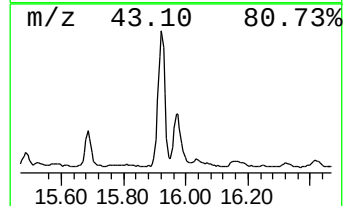
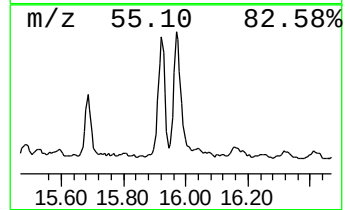
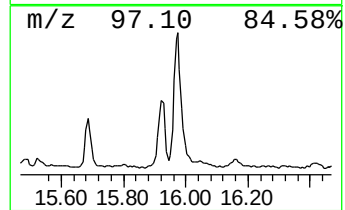
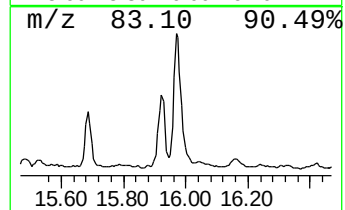
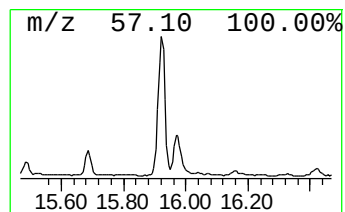
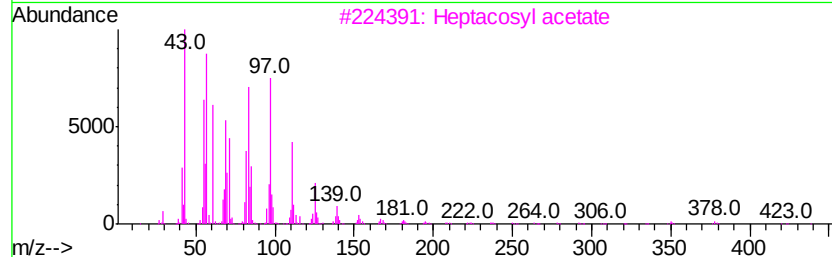
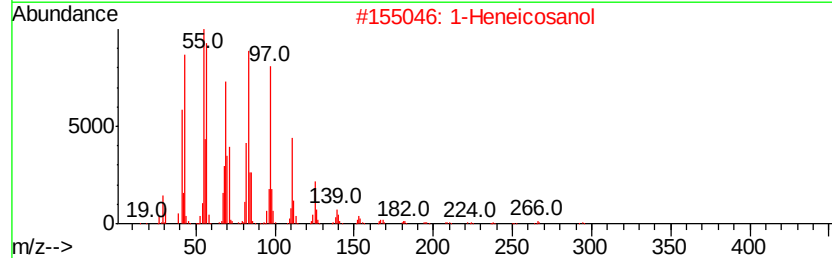
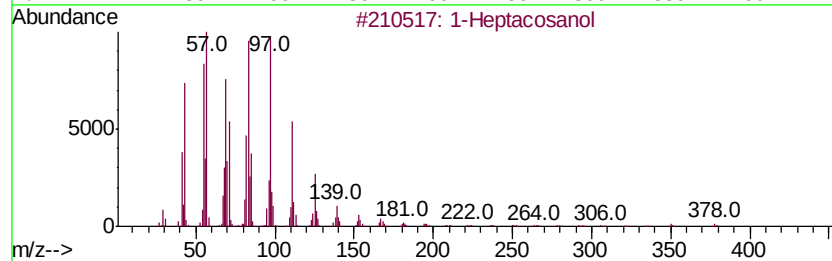
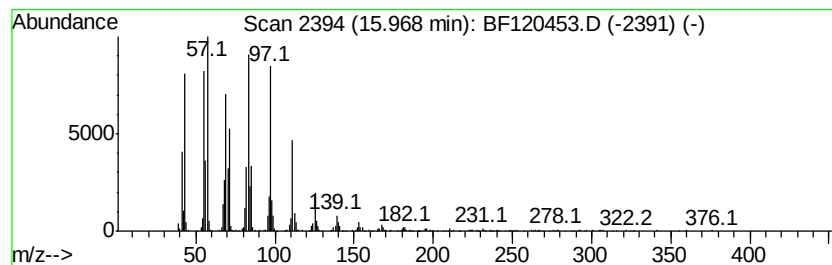
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	14.96 ng	1080380	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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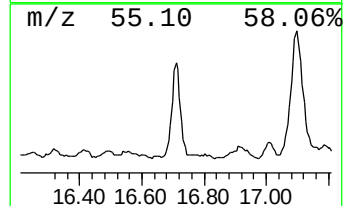
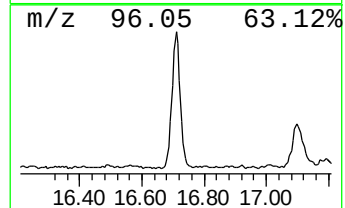
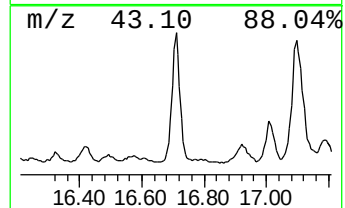
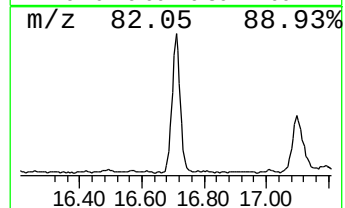
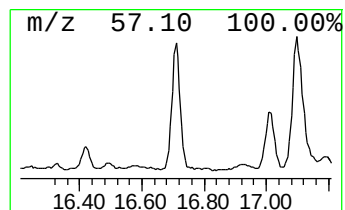
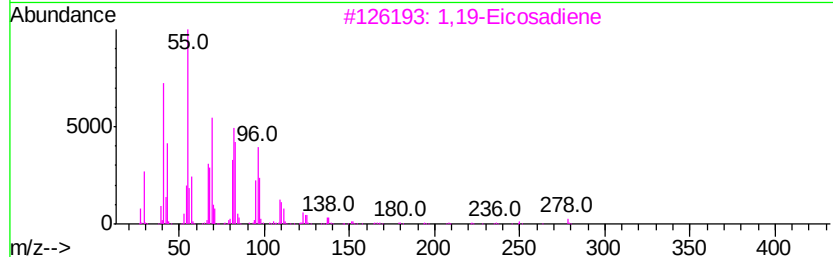
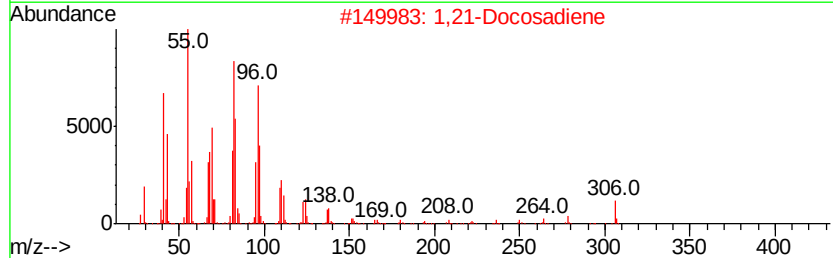
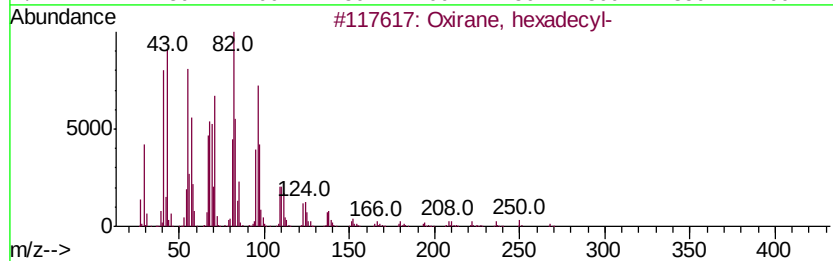
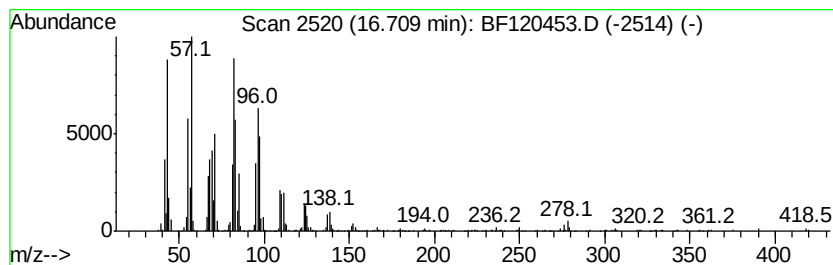
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 15 1,21-Docosadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	18.81 ng	1357970	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2		1,21-Docosadiene	306	C22H42	053057-53-7	93
3		1,19-Eicosadiene	278	C20H38	014811-95-1	90
4		Octadecanal	268	C18H36O	000638-66-4	90
5		Heptadecanal	254	C17H34O	1000376-70-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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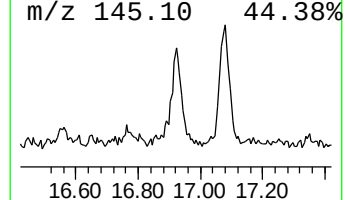
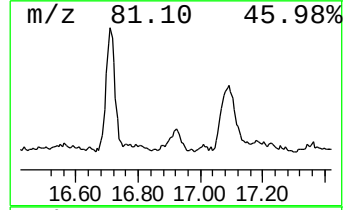
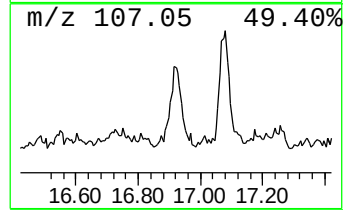
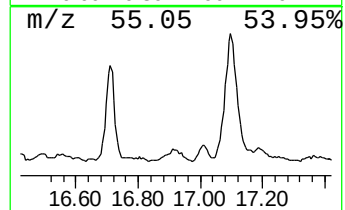
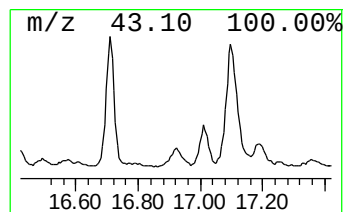
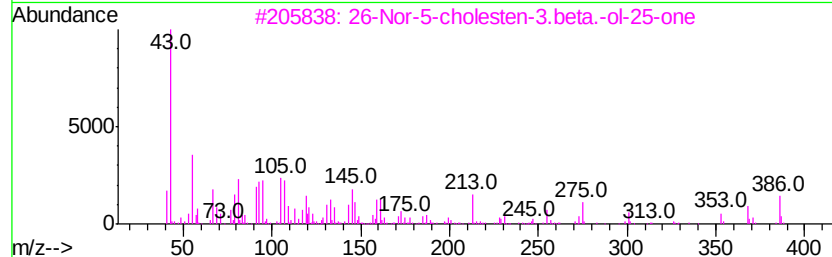
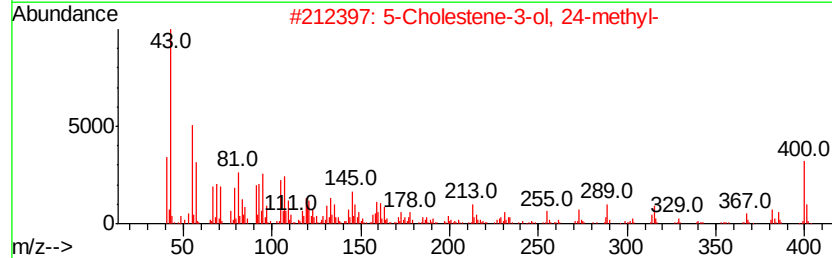
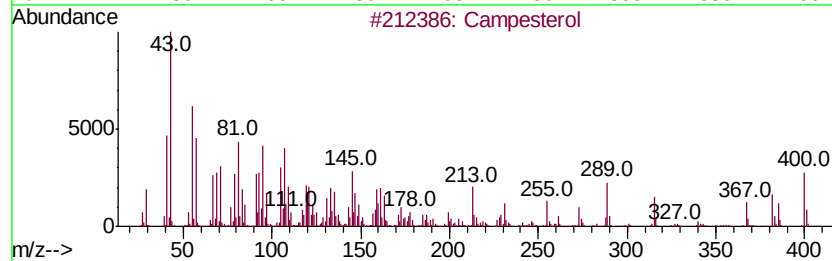
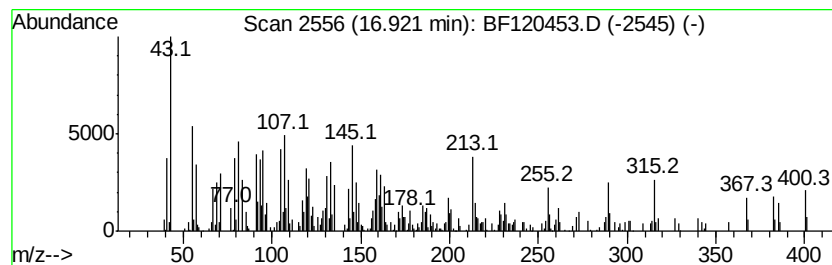
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Campesterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	7.86 ng	567636	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Campesterol	400	C28H48O	000474-62-4	97
2		5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	90
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	64
4		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	60
5		Isocholesteryl methyl ether	400	C28H48O	029944-53-4	49



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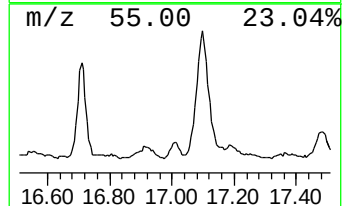
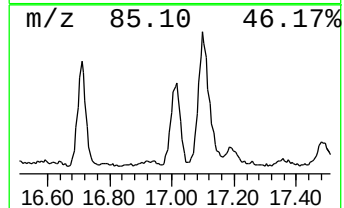
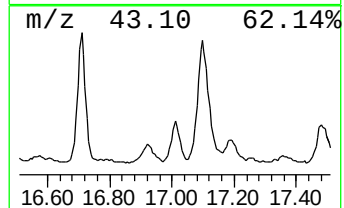
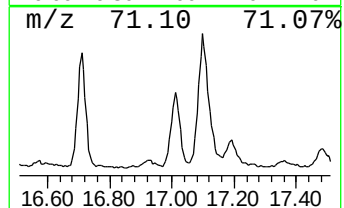
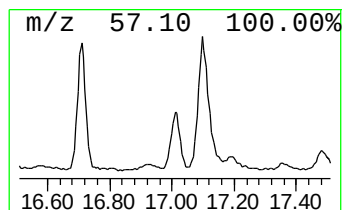
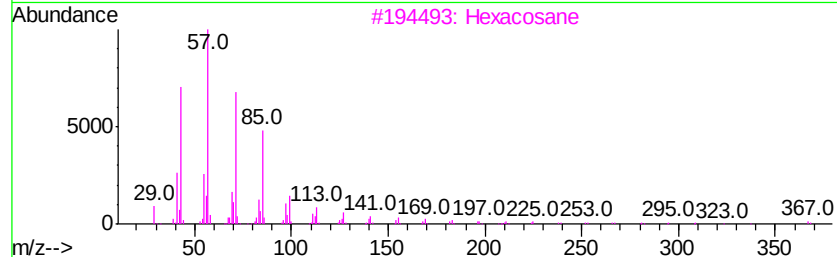
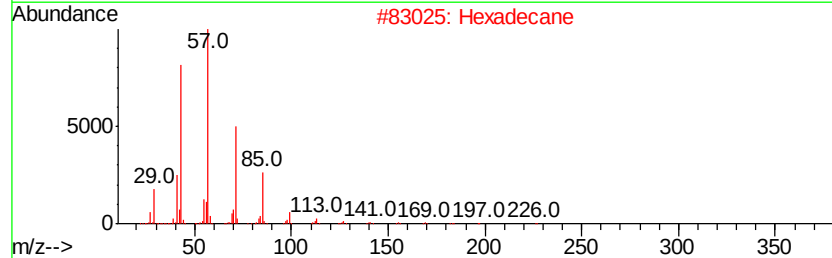
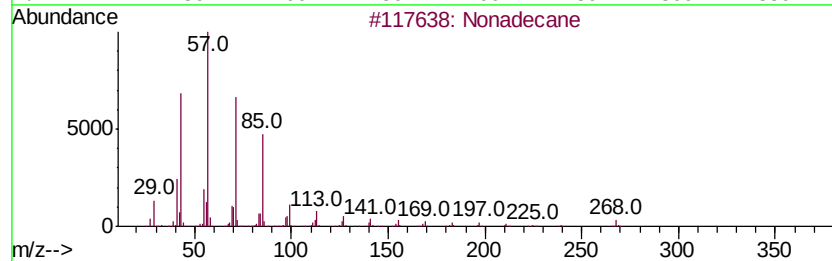
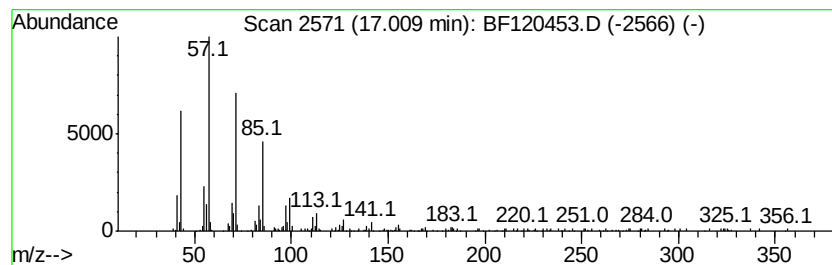
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	4.16 ng	300248	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		Hexacosane	366	C26H54	000630-01-3	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120453.D
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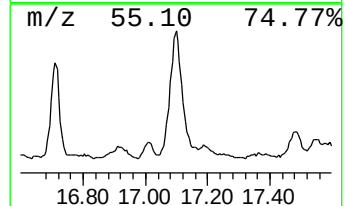
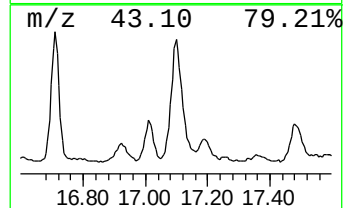
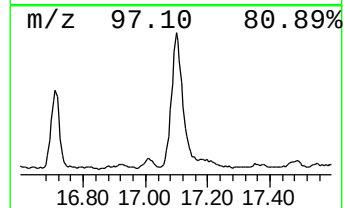
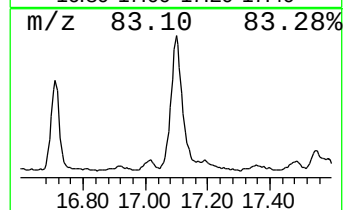
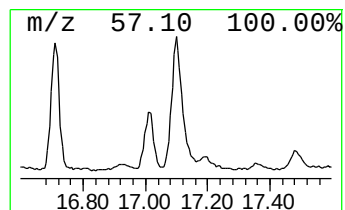
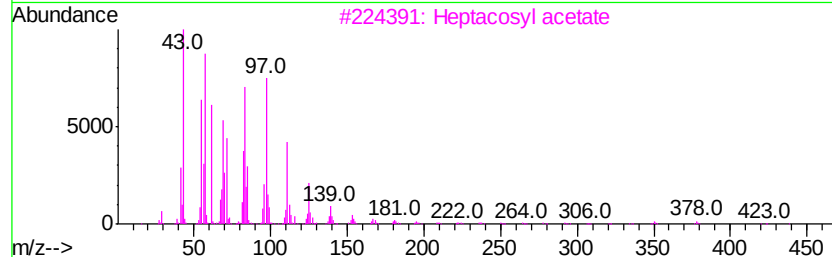
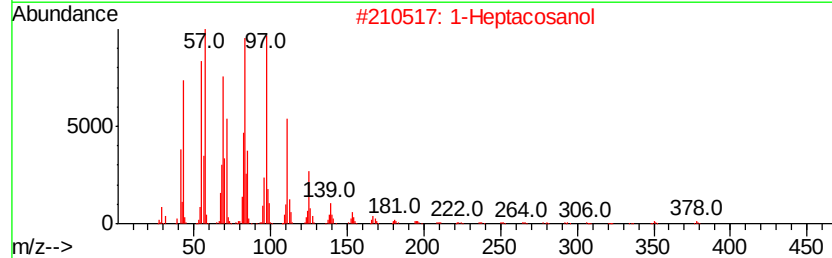
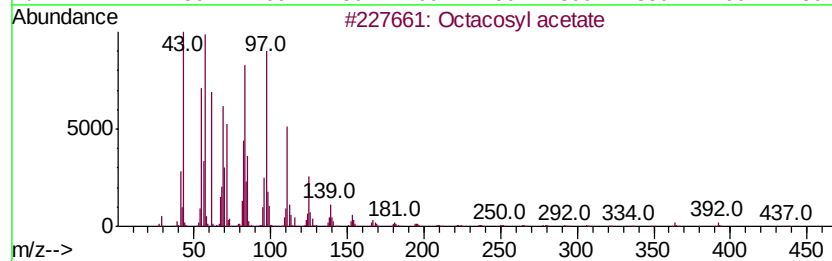
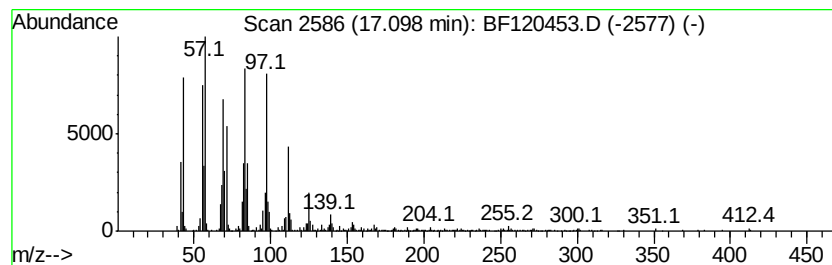
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octacosyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	29.91 ng	2159500	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl acetate	452	C30H60O2	018206-97-8	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	95
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
4		Octacosanol	410	C28H58O	000557-61-9	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



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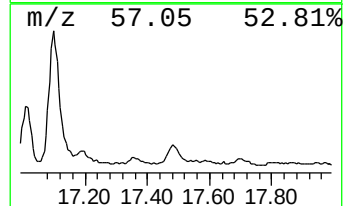
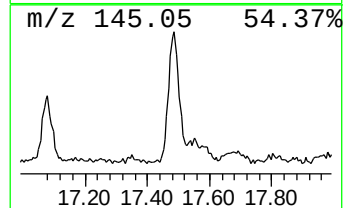
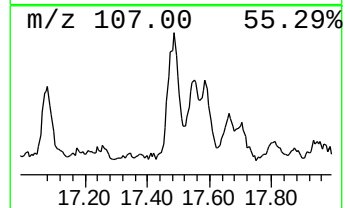
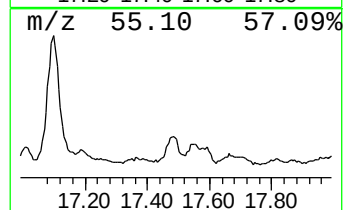
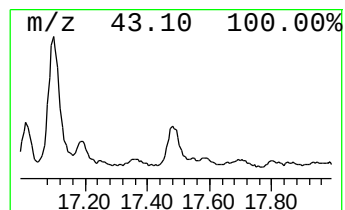
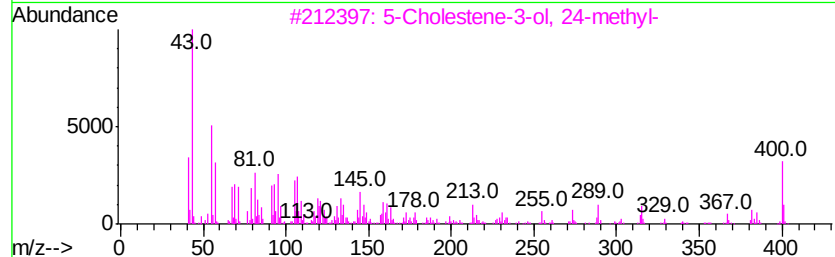
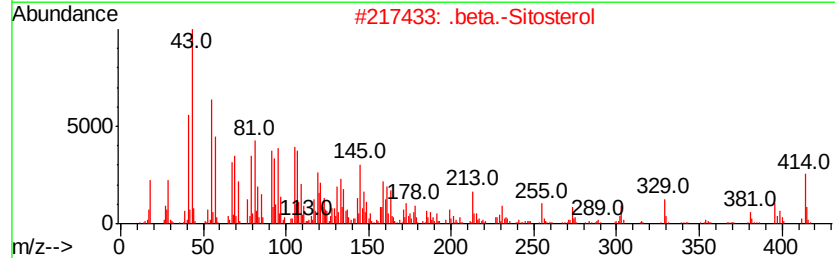
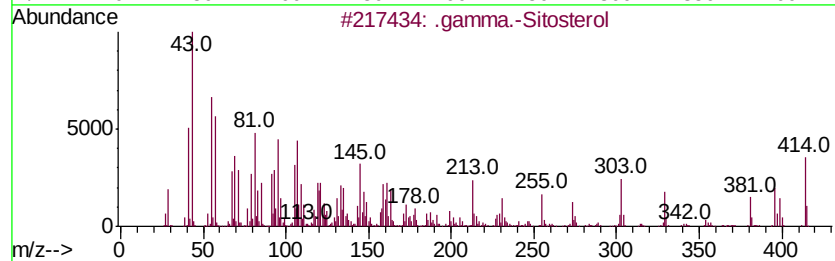
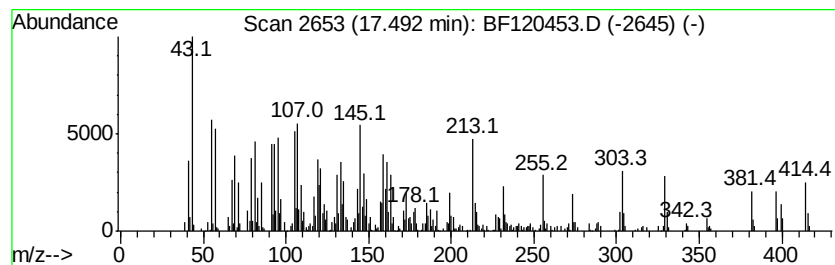
Instrument :
BNA_F
ClientSampleId :
NM4-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.49	12.21 ng	881412	Perylene-d12		15.44	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3		5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	38
4		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	30
5		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120453.D
Acq On : 29 May 2020 21:39
Operator : MA/SJ
Sample : L2773-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

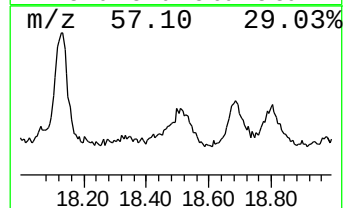
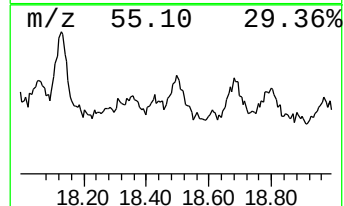
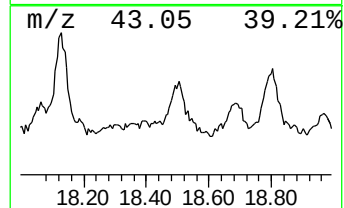
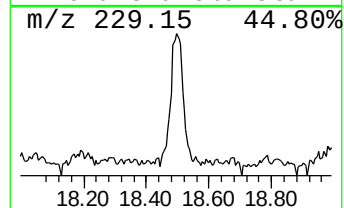
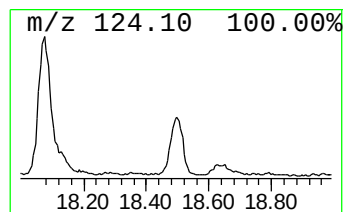
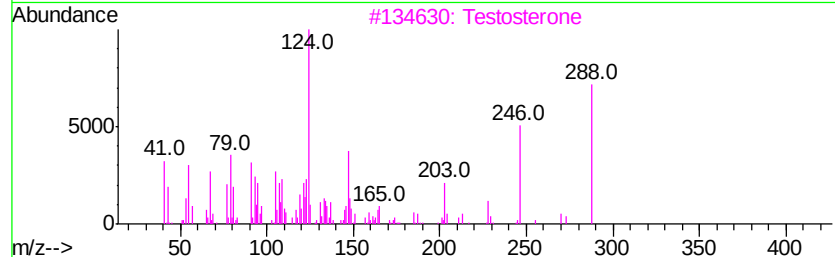
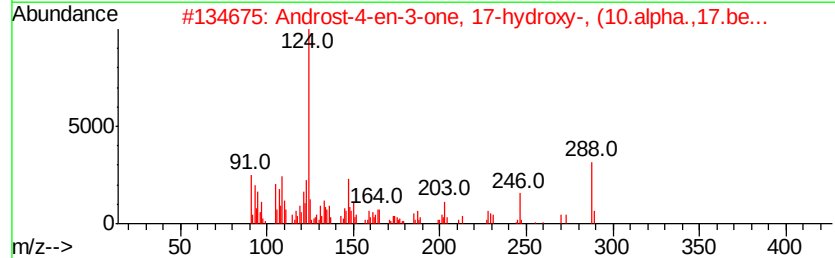
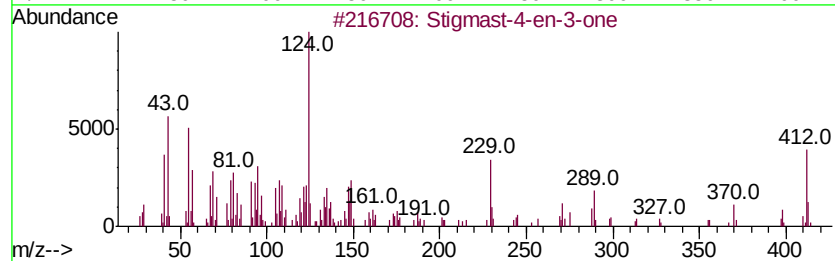
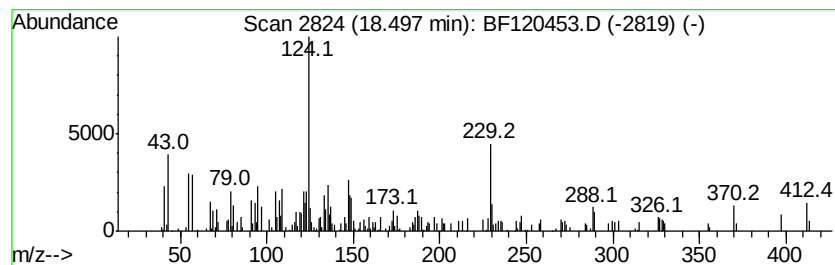
Instrument :
BNA_F
ClientSampleId :
NM4-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.50	5.88 ng	424635	Perylene-d12	15.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	95
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	64
3		Testosterone	288	C19H28O2	000058-22-0	47
4		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	45
5		Carbonic acid, bis-(2,2,6,6-tetr...	370	C19H34N2O5	1000188-97-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052920\
 Data File : BF120453.D
 Acq On : 29 May 2020 21:39
 Operator : MA/SJ
 Sample : L2773-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Cyclohexane	1.94	10.5	ng	881378	1	6.84	1677570	20.0
Methylene chloride	1.96	18.3	ng	1538630	1	6.84	1677570	20.0
Butane, 2-methoxy...	2.12	16.1	ng	1346880	1	6.84	1677570	20.0
Cyclopropanecarbo...	8.81	5.6	ng	586320	2	8.12	2088830	20.0
n-Hexadecanoic acid	11.89	4.8	ng	445812	4	11.36	1848900	20.0
5-Eicosene, (E)-	13.84	7.7	ng	1040100	5	13.99	2703820	20.0
1-Octadecene	14.47	4.2	ng	569631	5	13.99	2703820	20.0
Oxirane, heptadecyl-	14.92	7.3	ng	527422	6	15.44	1444200	20.0
Heneicosane	15.11	8.0	ng	579496	6	15.44	1444200	20.0
1-Heneicosanol	15.14	8.2	ng	593000	6	15.44	1444200	20.0
Oxirane, hexadecyl-	15.69	7.9	ng	567598	6	15.44	1444200	20.0
Pentadecane, 8-he...	15.92	24.3	ng	1754750	6	15.44	1444200	20.0
1-Heptacosanol	15.97	15.0	ng	1080380	6	15.44	1444200	20.0
1,21-Docosadiene	16.71	18.8	ng	1357970	6	15.44	1444200	20.0
Campesterol	16.92	7.9	ng	567636	6	15.44	1444200	20.0
Nonadecane	17.01	4.2	ng	300248	6	15.44	1444200	20.0
Octacosyl acetate	17.10	29.9	ng	2159500	6	15.44	1444200	20.0
.gamma.-Sitosterol	17.49	12.2	ng	881412	6	15.44	1444200	20.0
Stigmast-4-en-3-one	18.50	5.9	ng	424635	6	15.44	1444200	20.0