

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112519\
 Data File : BF117983.D
 Acq On : 25 Nov 2019 23:20
 Operator : JU
 Sample : K5972-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

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-BF111319.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	2.222	15	23	28	rVB	604624	775783	19.01%	1.880%
2	5.110	506	514	523	rBV	461958	611635	14.99%	1.482%
3	5.510	576	582	585	rBV	2993991	2925626	71.69%	7.088%
4	6.516	746	753	756	rBV	2979792	3151157	77.21%	7.635%
5	6.657	772	777	780	rBV	3423314	3317613	81.29%	8.038%
6	6.716	784	787	792	rVB	49480	44872	1.10%	0.109%
7	6.887	812	816	820	rBV	1199144	979381	24.00%	2.373%
8	7.045	839	843	846	rBV	2976285	2578595	63.18%	6.247%
9	7.451	906	912	915	rBV	2067954	2055956	50.38%	4.981%
10	8.175	1030	1035	1038	rBV	1555320	1326313	32.50%	3.213%
11	9.257	1213	1219	1222	rBV	4302945	4081111	100.00%	9.888%
12	9.645	1281	1285	1289	rBV	725648	603717	14.79%	1.463%
13	9.939	1327	1335	1338	rBV	1799714	1657488	40.61%	4.016%
14	10.345	1401	1404	1406	rBV2	39583	41538	1.02%	0.101%
15	10.586	1442	1445	1448	rVB2	42006	51659	1.27%	0.125%
16	10.728	1464	1469	1473	rBV	2706853	2787789	68.31%	6.754%
17	10.857	1486	1491	1497	rBV	167081	226823	5.56%	0.550%
18	11.292	1563	1565	1566	rBV	61625	40961	1.00%	0.099%
19	11.322	1567	1570	1576	rVB	166393	196458	4.81%	0.476%
20	11.433	1585	1589	1592	rBV	1776695	1573063	38.54%	3.811%
21	11.675	1628	1630	1633	rVB2	79703	60622	1.49%	0.147%
22	11.957	1675	1678	1685	rBV	830883	844160	20.68%	2.045%
23	12.127	1705	1707	1711	rVB	110683	102193	2.50%	0.248%
24	12.522	1771	1774	1777	rBV	173422	156502	3.83%	0.379%
25	12.745	1808	1812	1819	rBV	535552	606191	14.85%	1.469%
26	12.892	1835	1837	1839	rVB	172220	122810	3.01%	0.298%
27	13.021	1854	1859	1862	rBV	3777132	3843244	94.17%	9.311%
28	13.251	1895	1898	1901	rVB	190451	155900	3.82%	0.378%
29	13.492	1937	1939	1944	rVB2	90416	101775	2.49%	0.247%
30	13.592	1953	1956	1964	rVB	156111	165940	4.07%	0.402%
31	13.780	1985	1988	1990	rBV	66574	56396	1.38%	0.137%
32	13.921	2007	2012	2022	rVB	426344	679138	16.64%	1.645%
33	14.051	2031	2034	2036	rBV	183669	194035	4.75%	0.470%
34	14.080	2036	2039	2044	rVB	1350076	1202782	29.47%	2.914%

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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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35	14.239	2063	2066	2075	rVB	141960	161434	3.96%	0.391%
36	14.545	2114	2118	2127	rBV2	255335	450647	11.04%	1.092%
37	14.857	2168	2171	2175	rBV	154051	141360	3.46%	0.342%
38	15.010	2194	2197	2200	rVB2	42759	46912	1.15%	0.114%
39	15.210	2226	2231	2234	rBV	446799	532339	13.04%	1.290%
40	15.245	2234	2237	2243	rVV2	83237	143026	3.50%	0.347%
41	15.574	2287	2293	2296	rBV	784303	974856	23.89%	2.362%
42	15.604	2296	2298	2302	rVB	131254	140439	3.44%	0.340%
43	15.810	2329	2333	2338	rBV3	42686	55272	1.35%	0.134%
44	16.057	2369	2375	2381	rBV	208721	321894	7.89%	0.780%
45	16.133	2381	2388	2393	rBV6	66143	188044	4.61%	0.456%
46	16.580	2459	2464	2469	rBV2	45982	82364	2.02%	0.200%
47	16.886	2512	2516	2521	rVB6	24929	44725	1.10%	0.108%
48	17.204	2565	2570	2577	rVB4	31453	68029	1.67%	0.165%
49	17.721	2651	2658	2665	rBV9	78535	239957	5.88%	0.581%
50	18.221	2737	2743	2747	rBV9	20749	57698	1.41%	0.140%
51	18.286	2749	2754	2763	rVB8	59457	156391	3.83%	0.379%
52	18.768	2830	2836	2846	rVB8	58008	149818	3.67%	0.363%

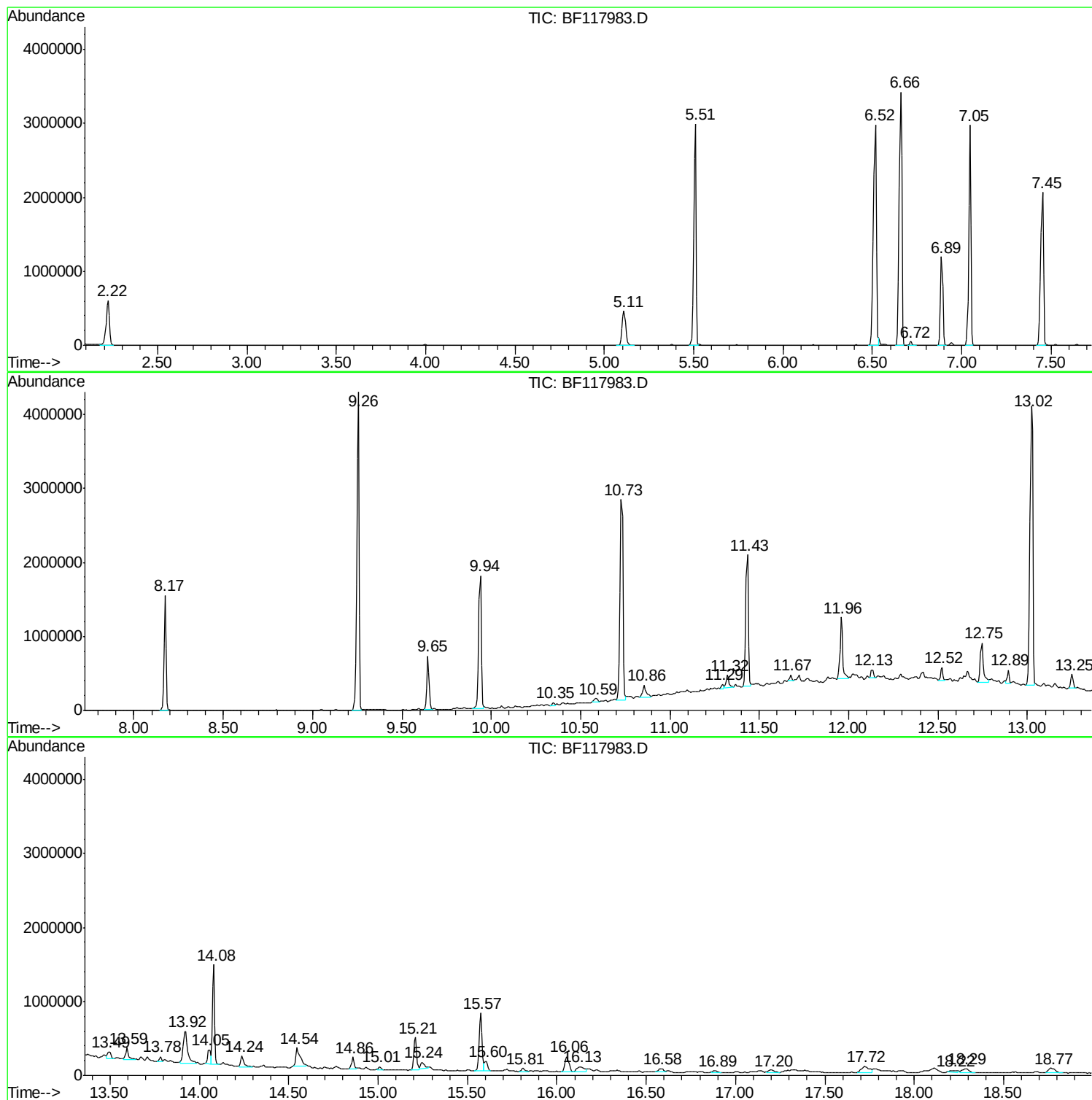
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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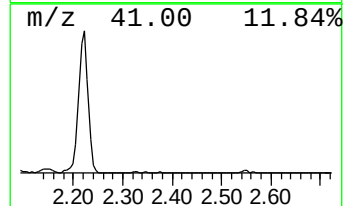
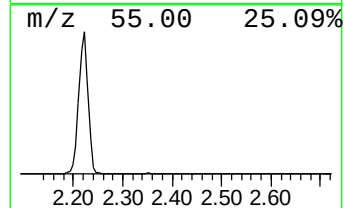
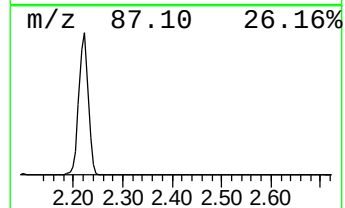
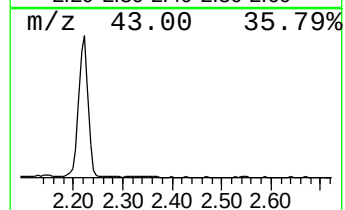
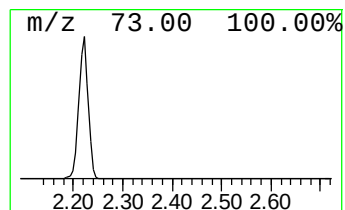
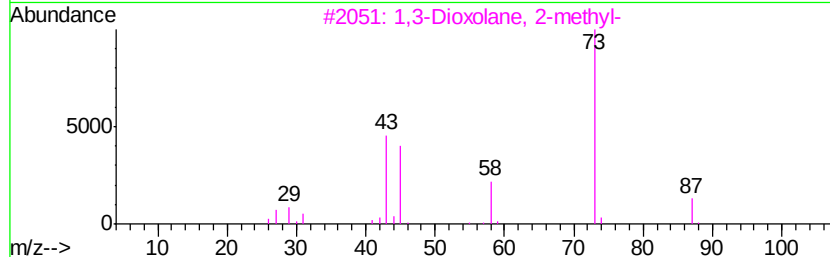
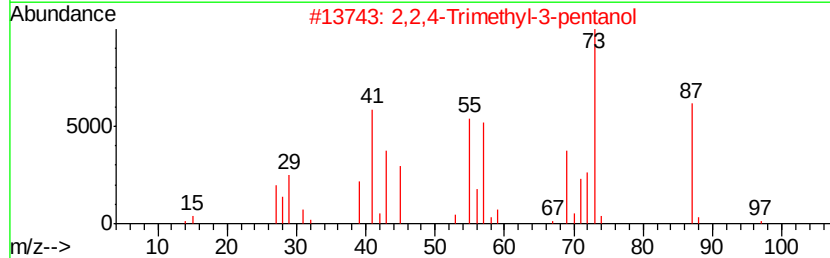
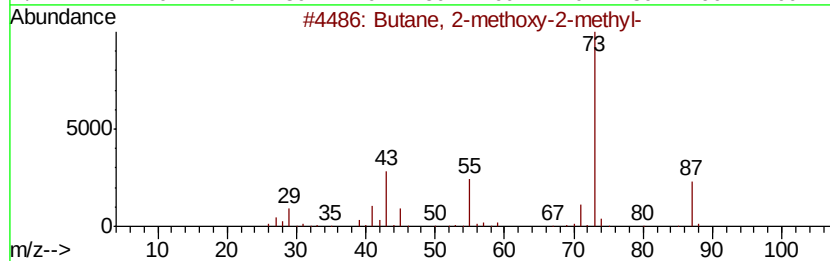
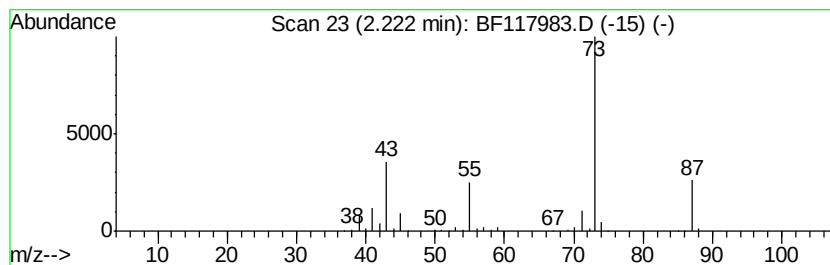
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	15.84 ng	775783	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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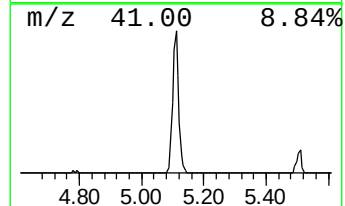
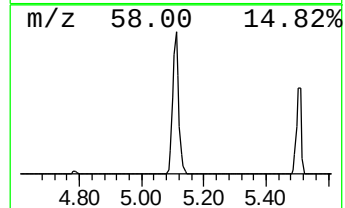
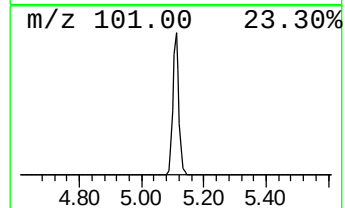
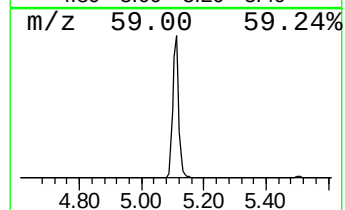
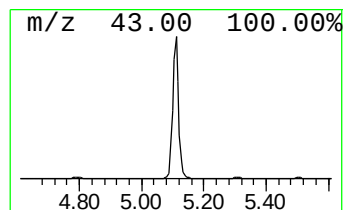
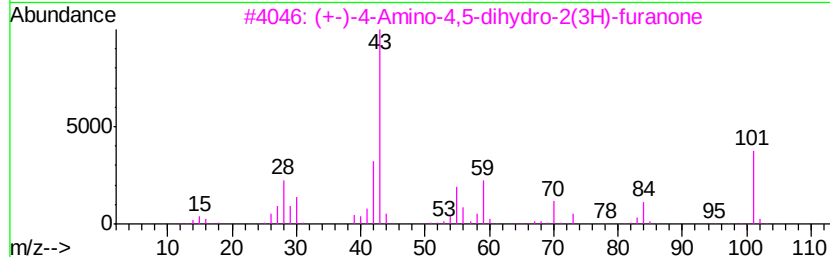
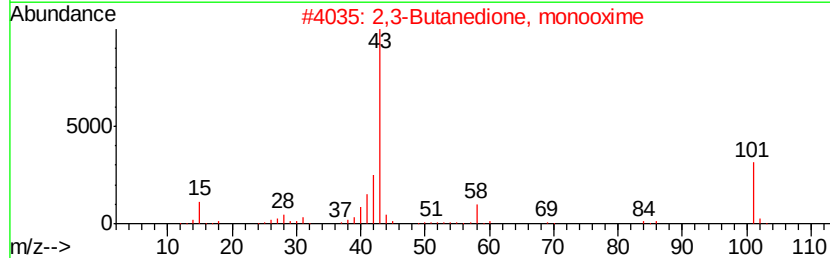
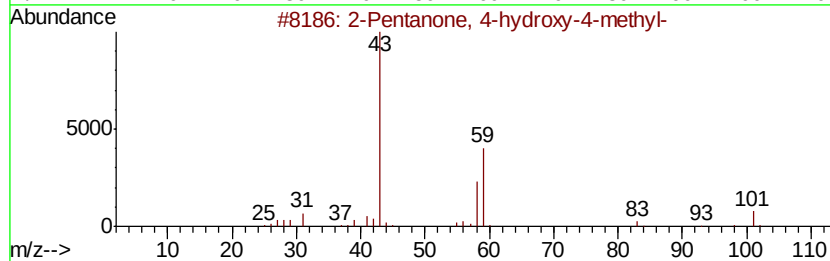
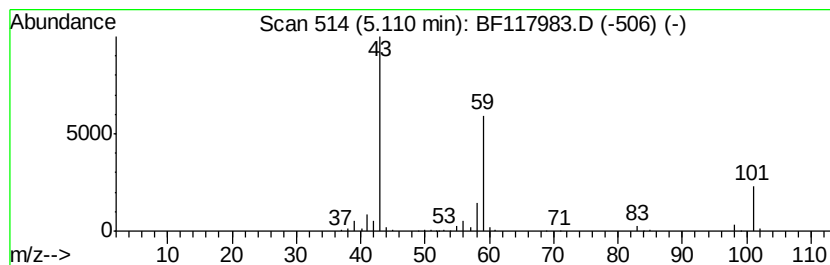
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	12.49 ng	611635	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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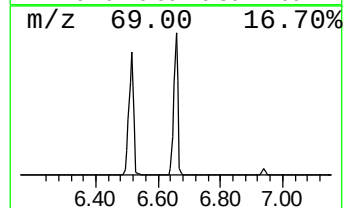
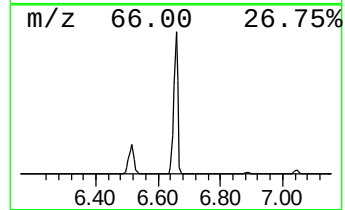
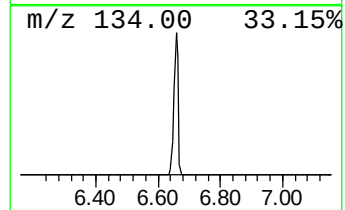
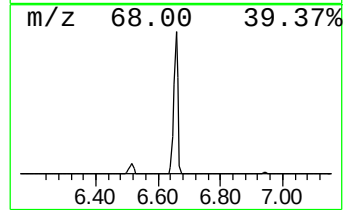
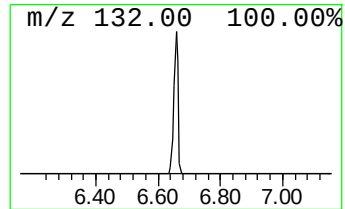
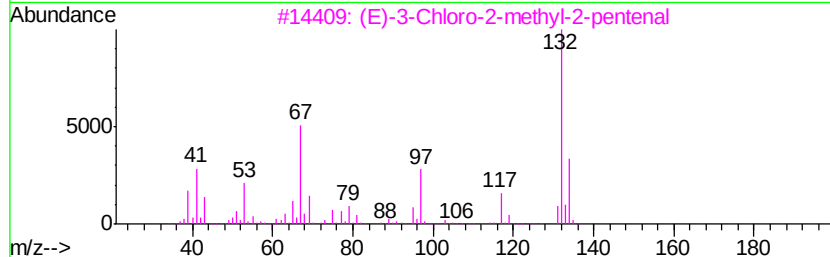
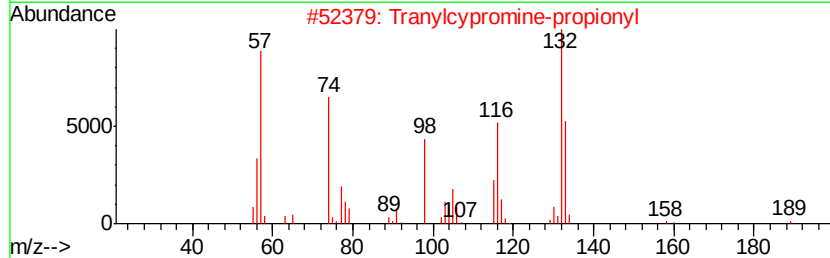
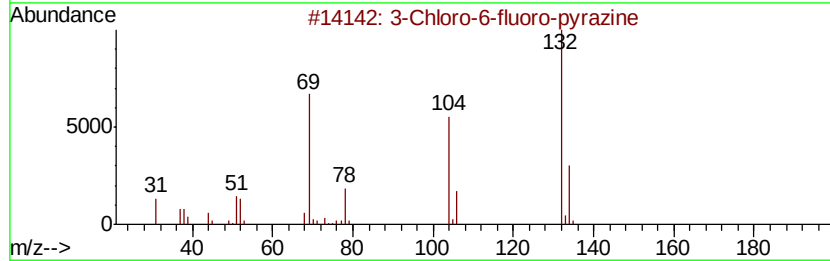
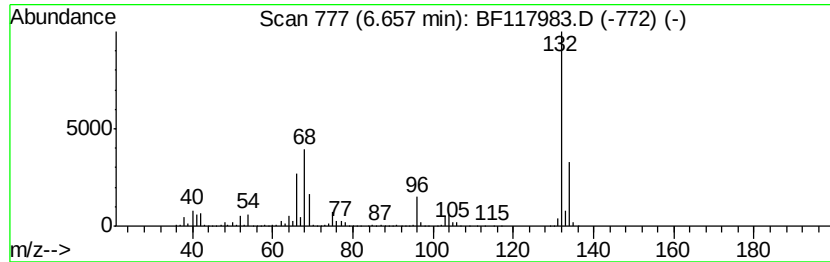
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	67.75 ng	3317610	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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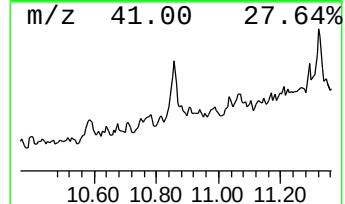
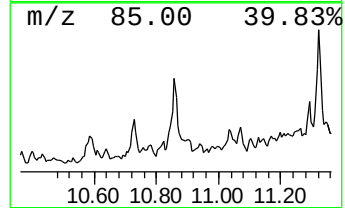
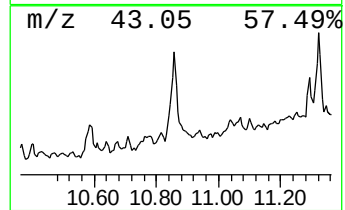
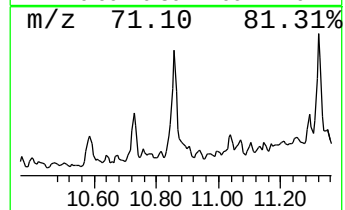
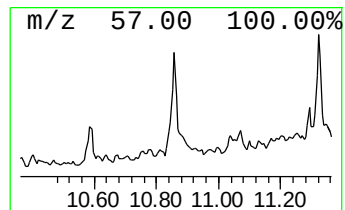
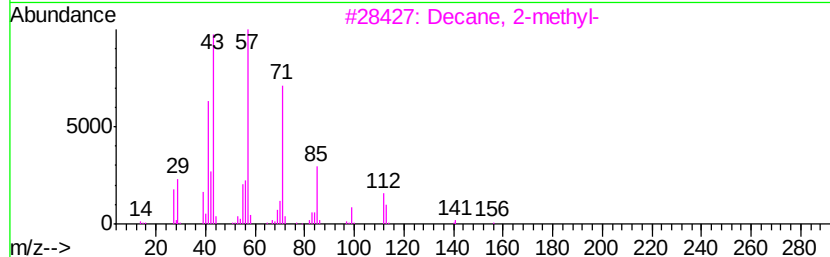
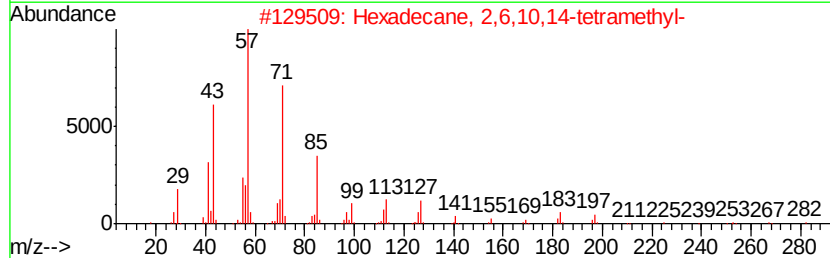
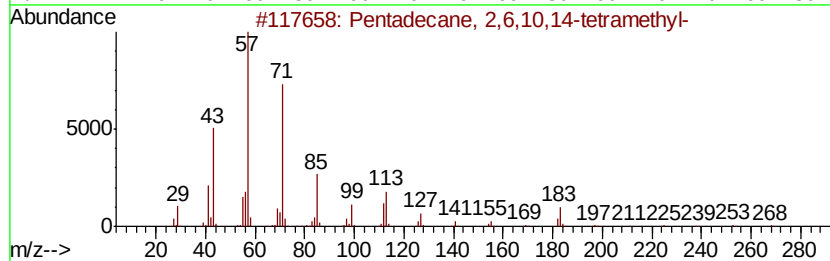
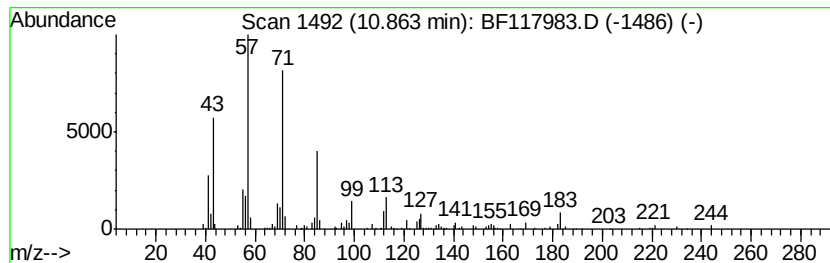
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	2.88 ng	226823	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	87
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
5	Heptacosane	380	C27H56	000593-49-7	80



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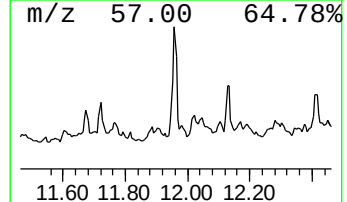
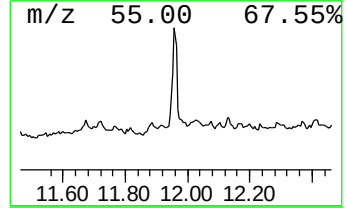
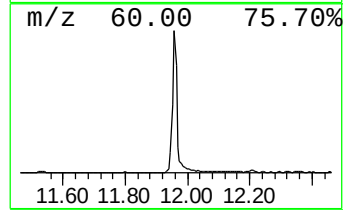
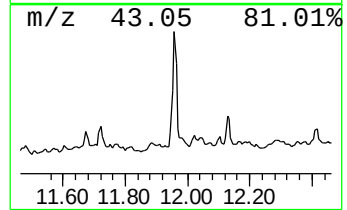
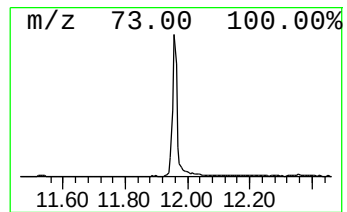
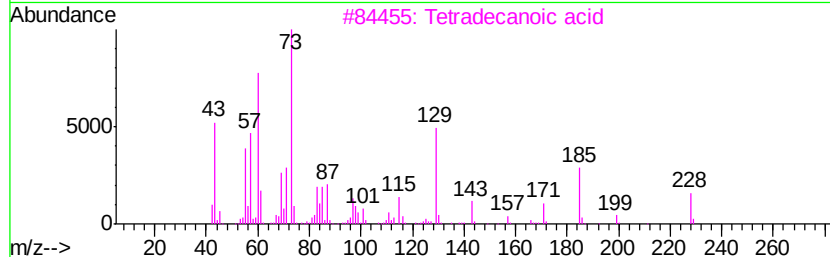
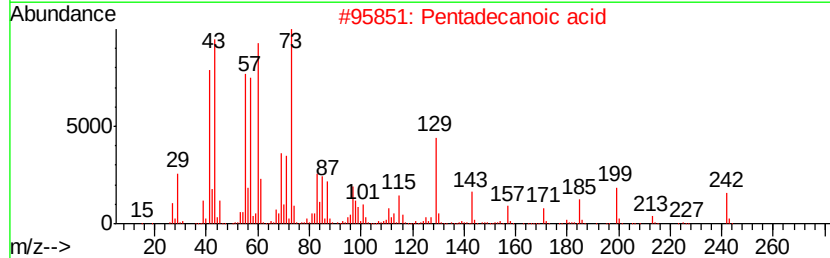
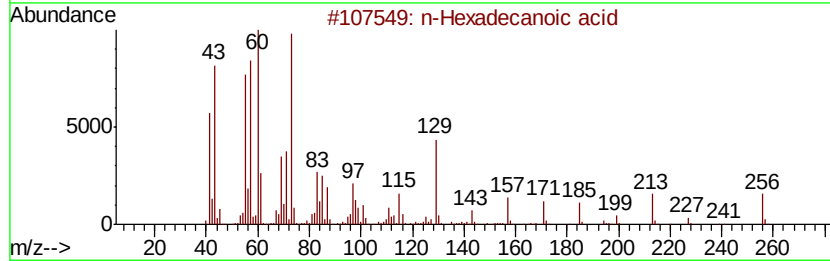
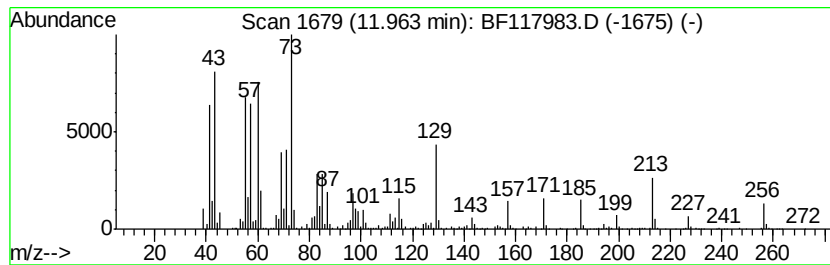
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	10.73 ng	844160	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
Operator : JU
Sample : K5972-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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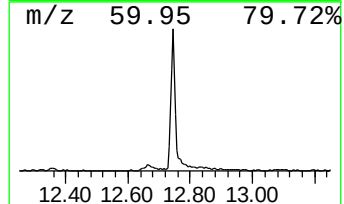
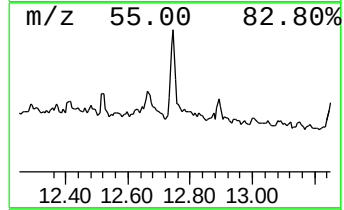
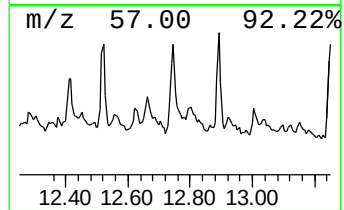
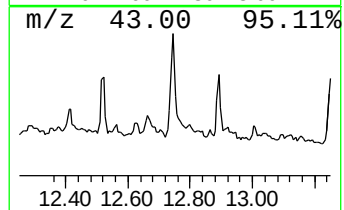
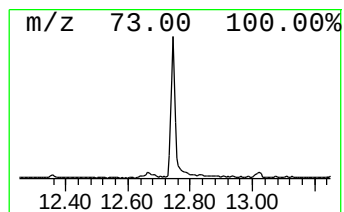
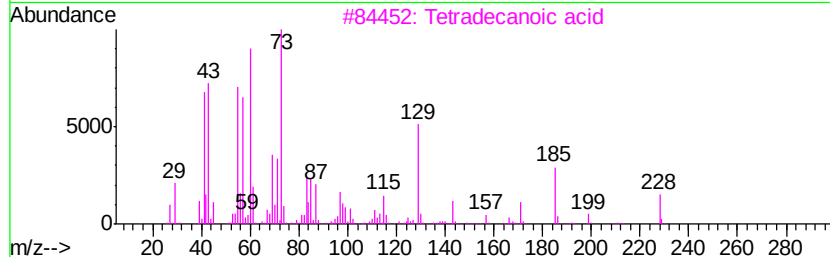
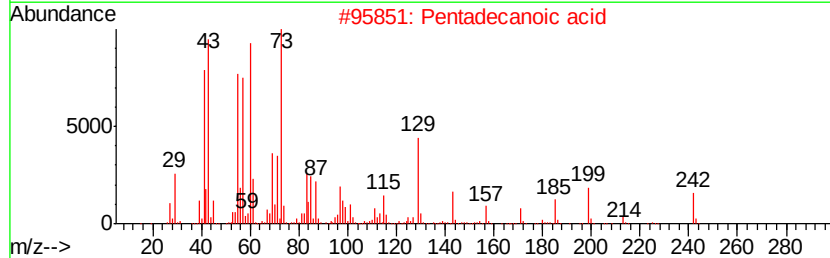
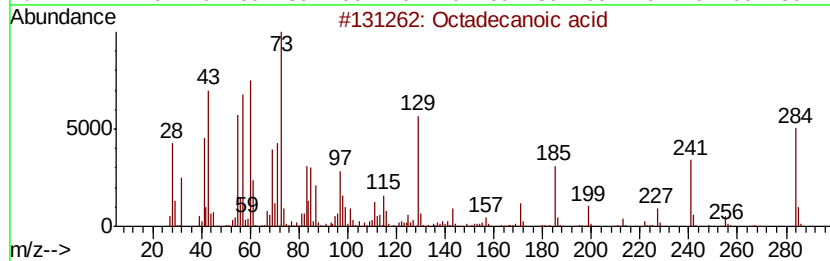
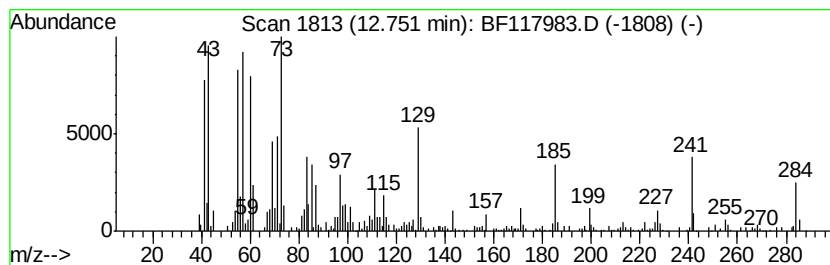
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	7.71 ng	606191	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
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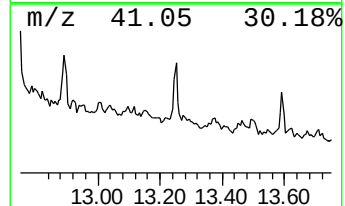
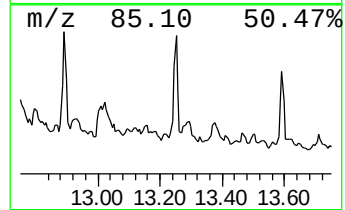
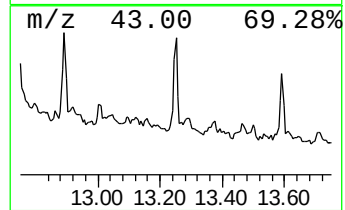
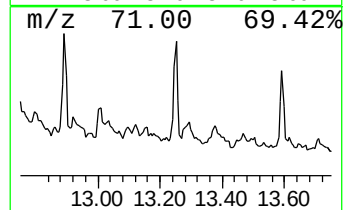
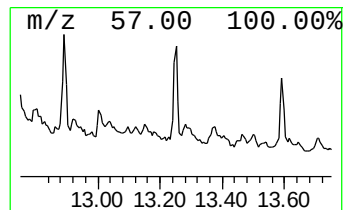
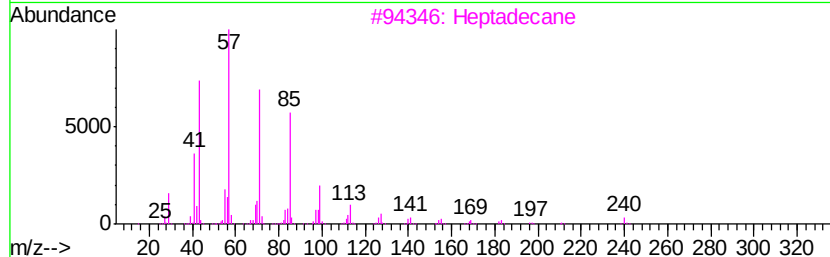
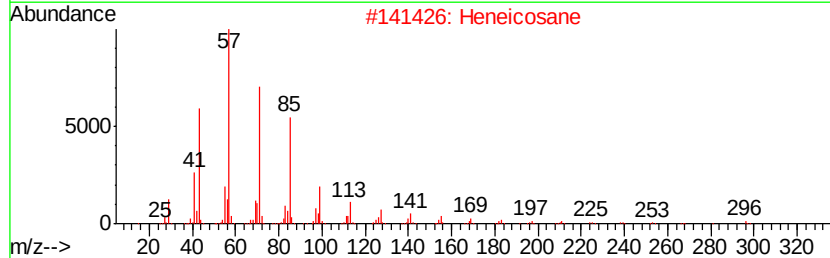
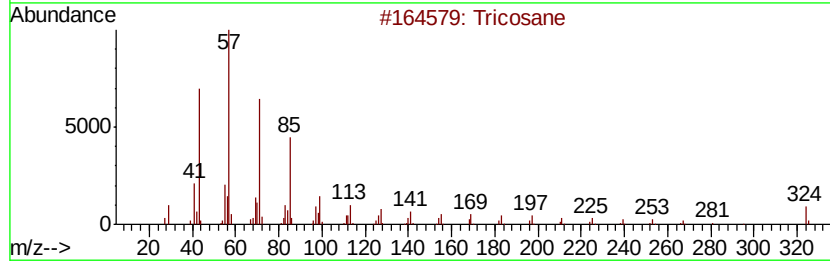
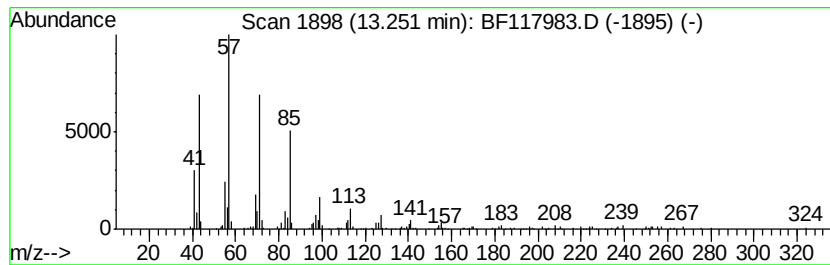
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tricosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.25	2.59 ng	155900	Chrysene-d12	14.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
Operator : JU
Sample : K5972-04
Misc :
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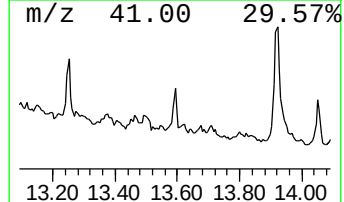
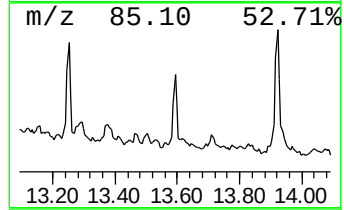
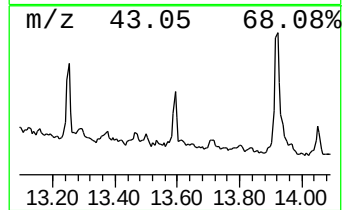
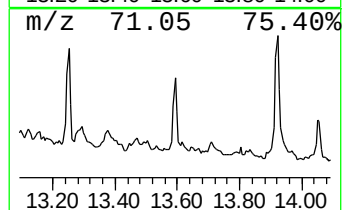
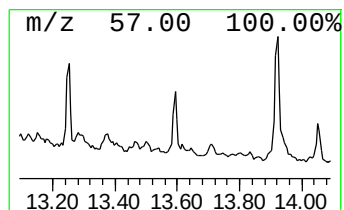
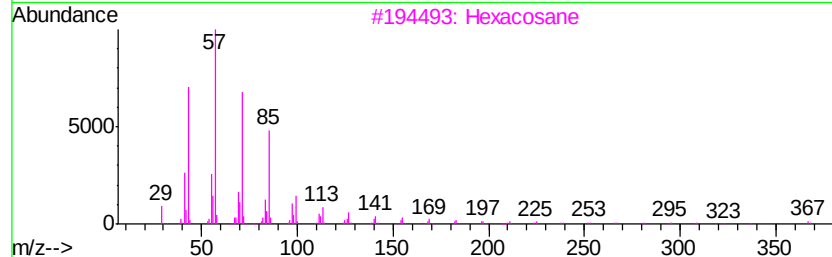
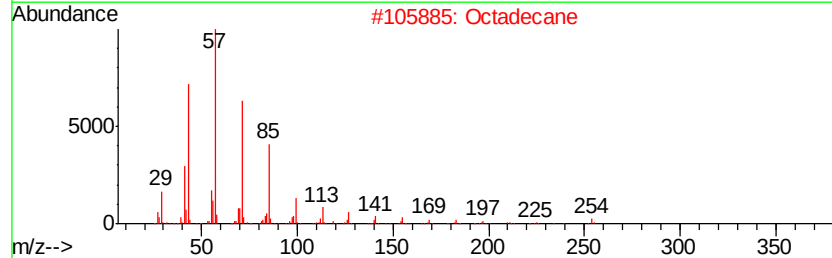
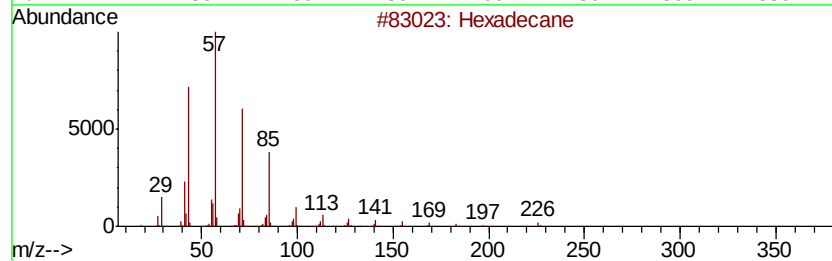
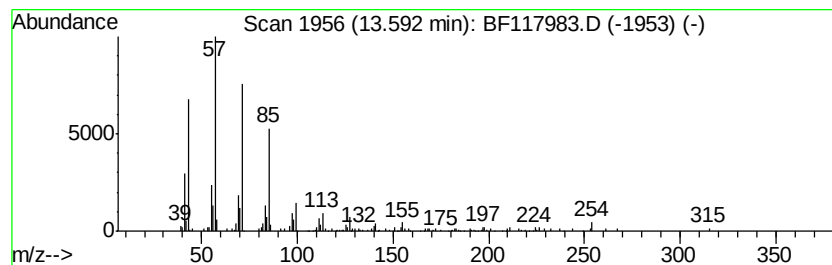
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.76 ng	165940	Chrysene-d12	14.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Octadecane	254 C18H38	000593-45-3	93
3	Hexacosane	366 C26H54	000630-01-3	90
4	Heneicosane	296 C21H44	000629-94-7	90
5	Heptacosane	380 C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
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Sample : K5972-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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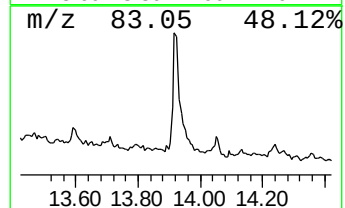
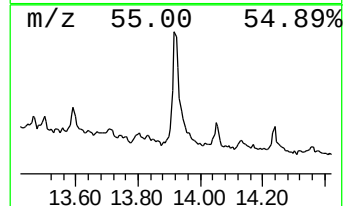
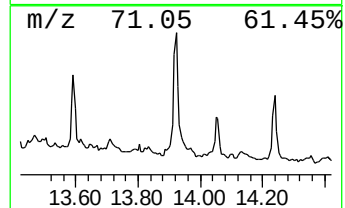
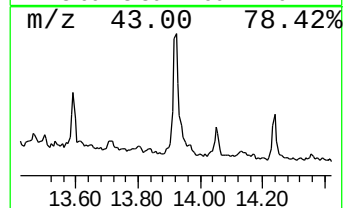
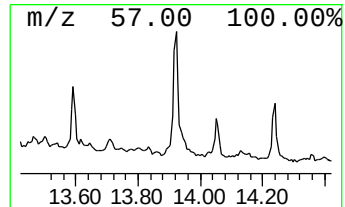
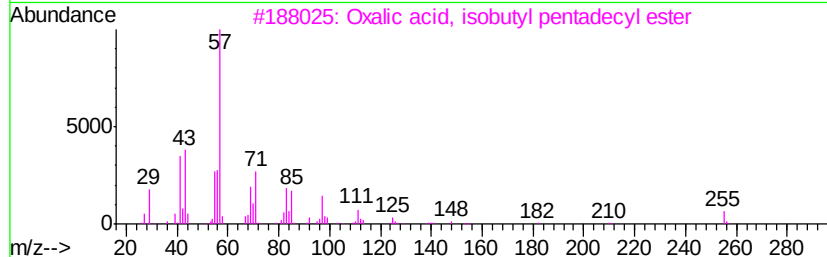
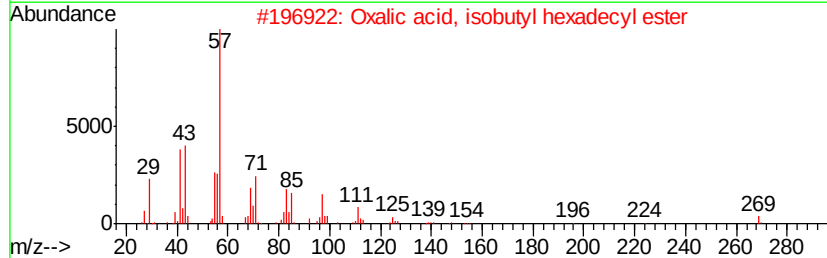
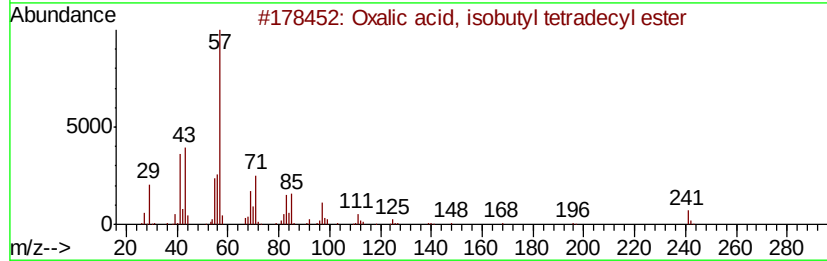
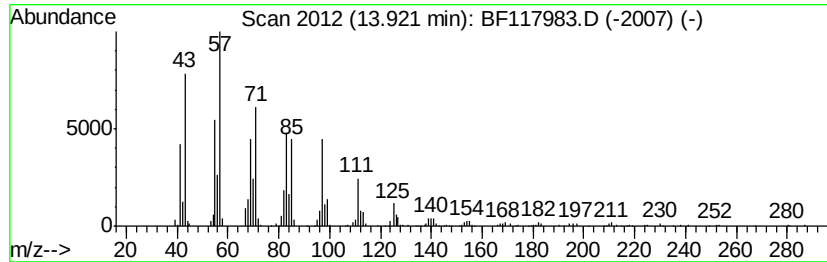
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxalic acid, isobutyl tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	11.29 ng	679138	Chrysene-d12	14.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4		1-Octadecene	252	C18H36	000112-88-9	83
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
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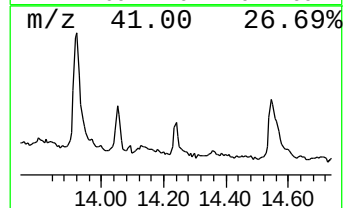
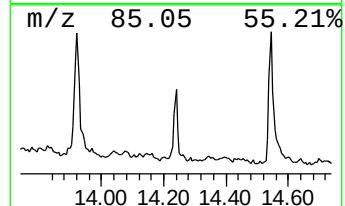
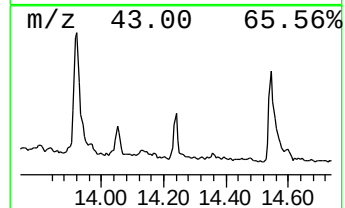
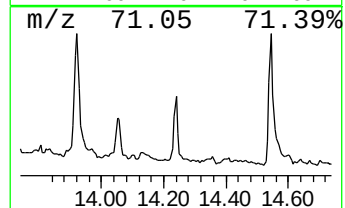
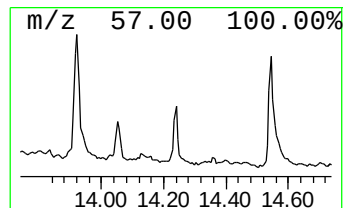
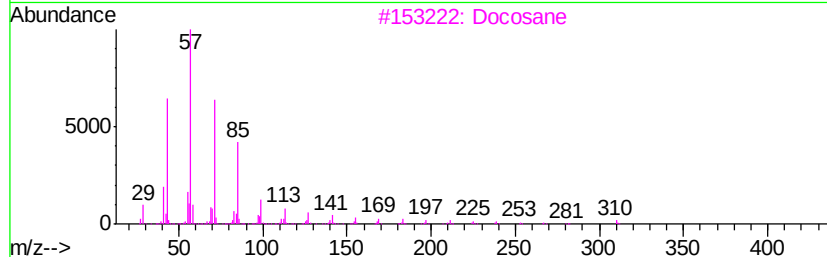
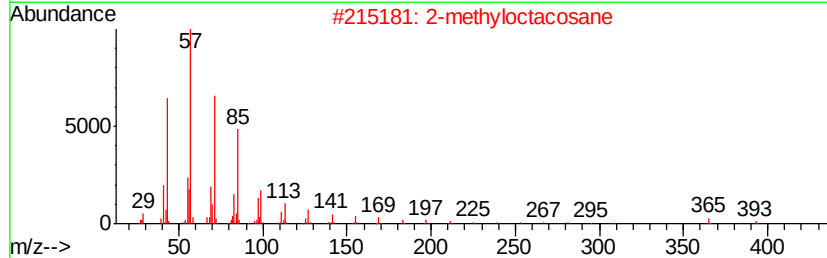
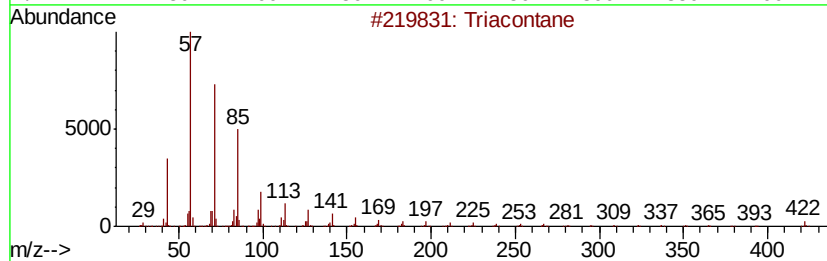
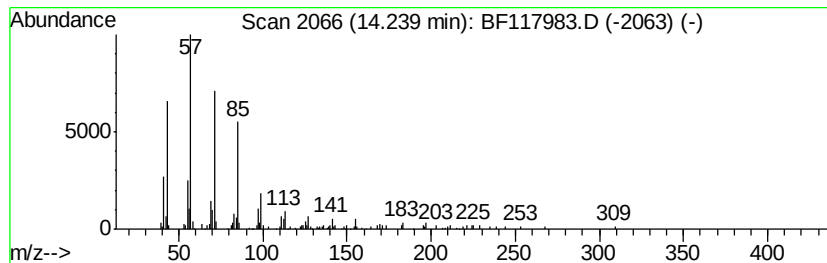
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.24	2.68 ng	161434	Chrysene-d12	14.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Docosane	310	C22H46	000629-97-0	87
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
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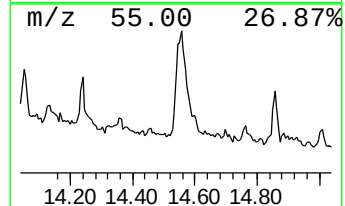
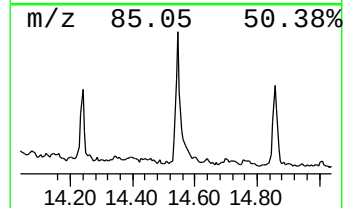
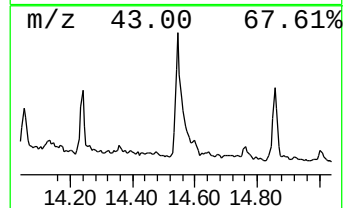
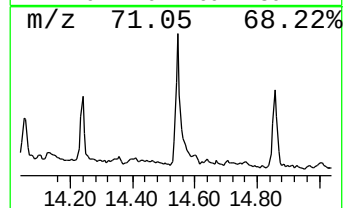
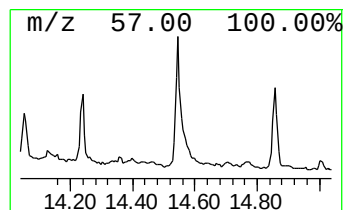
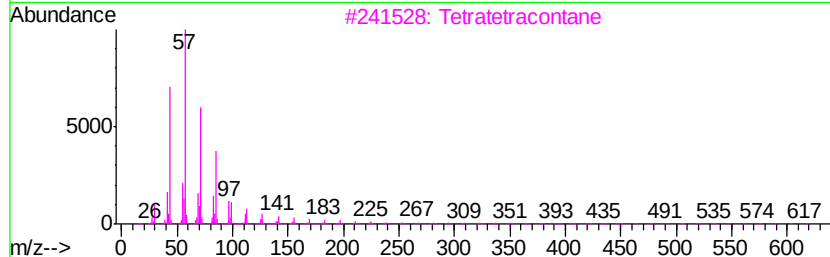
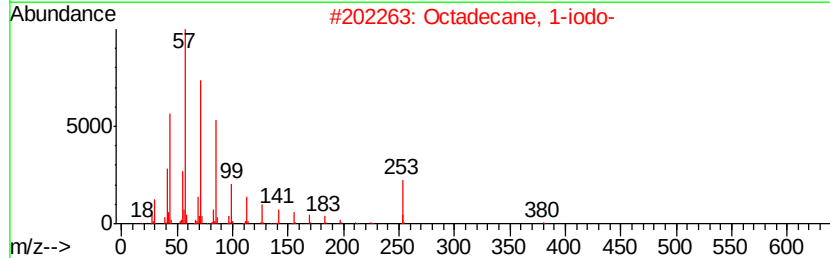
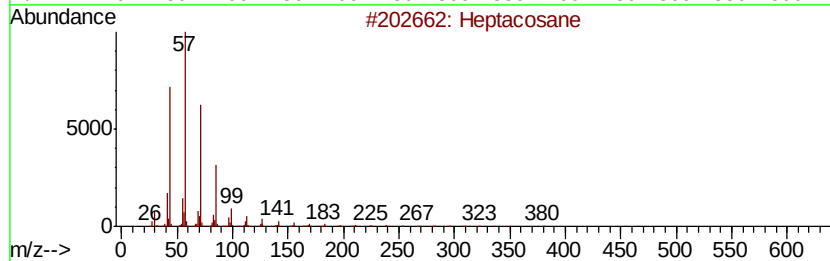
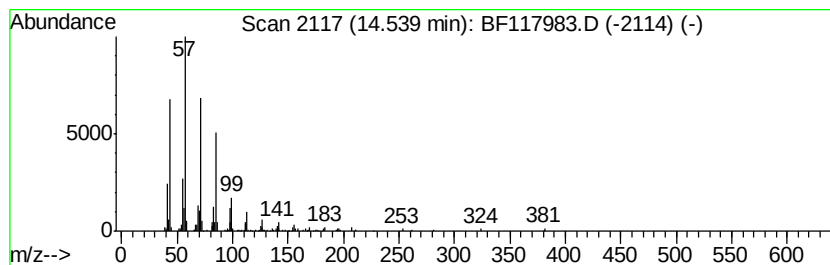
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	7.49 ng	450647	Chrysene-d12	14.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	95
2	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	93
3	Tetratetracontane	619 C44H90	007098-22-8	91
4	Hexatriacontane	507 C36H74	000630-06-8	91
5	Hexacosane	366 C26H54	000630-01-3	91



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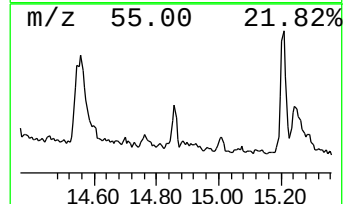
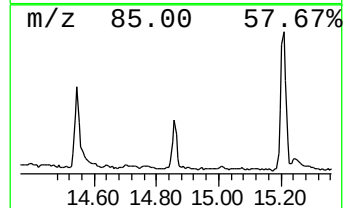
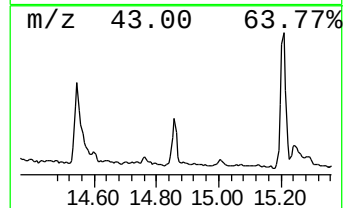
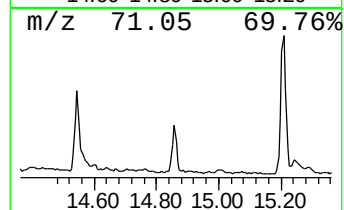
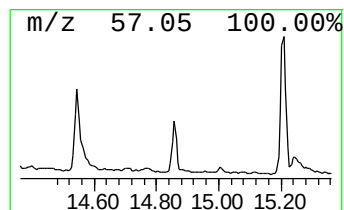
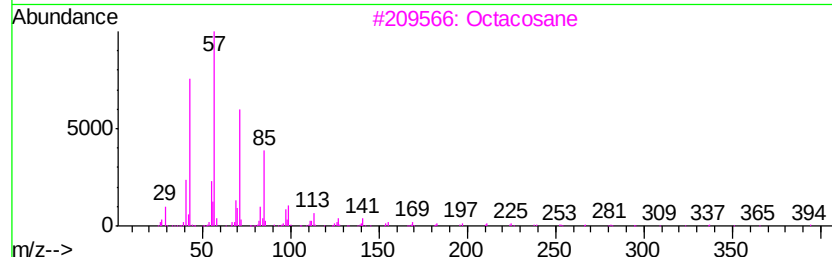
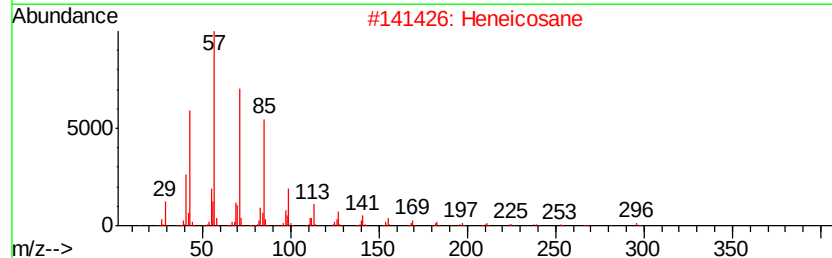
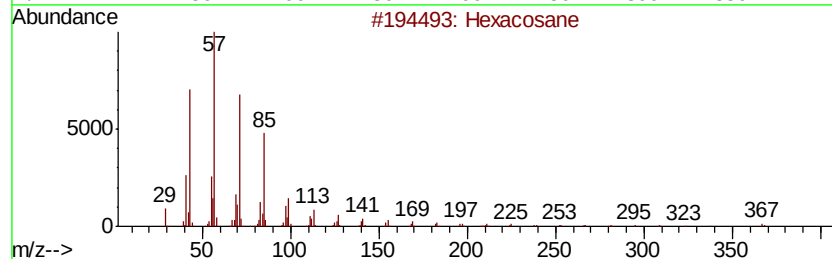
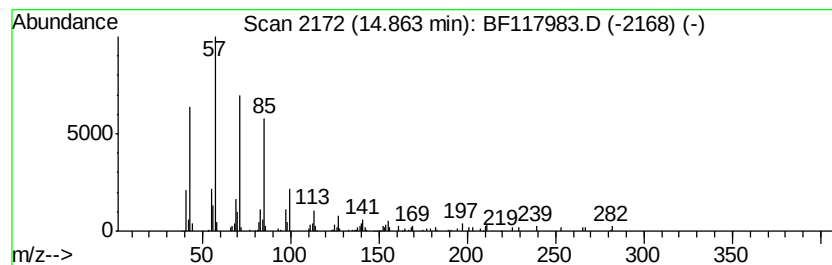
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.90 ng	141360	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
Operator : JU
Sample : K5972-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

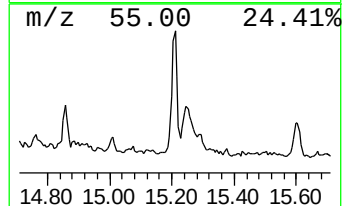
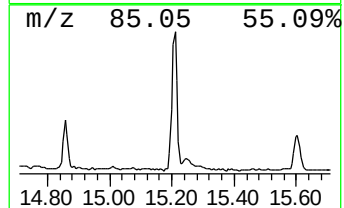
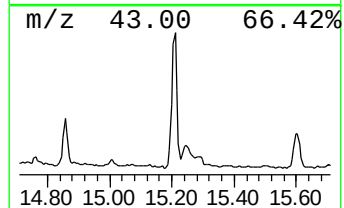
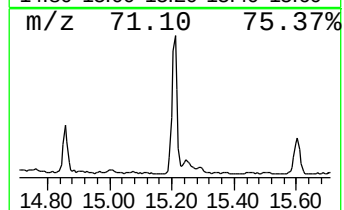
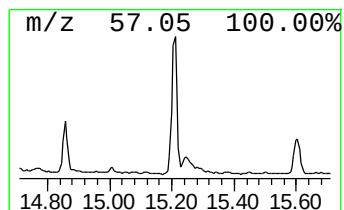
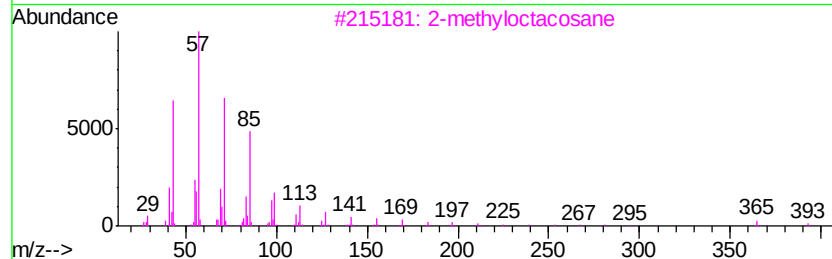
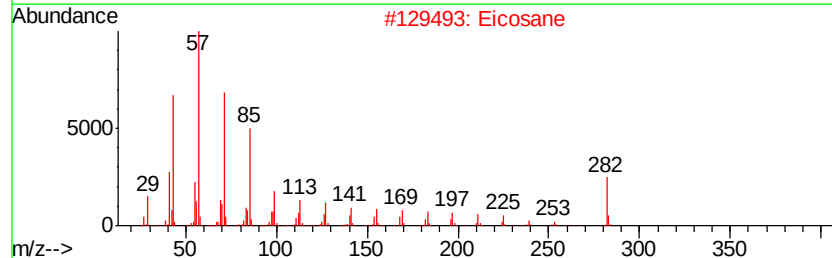
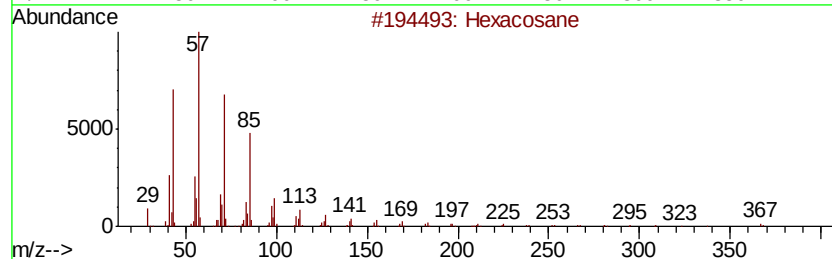
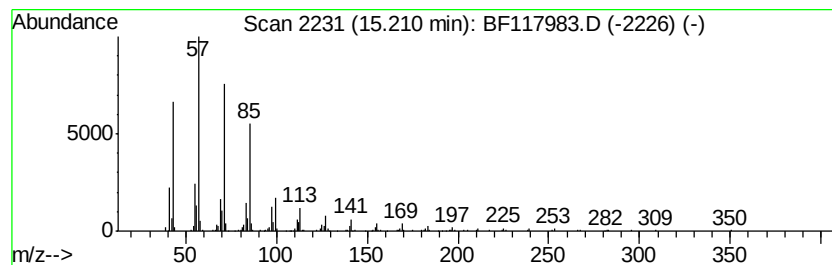
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	10.92 ng	532339	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Eicosane	282	C20H42	000112-95-8	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
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Misc :
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Instrument :
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ClientSampleId :
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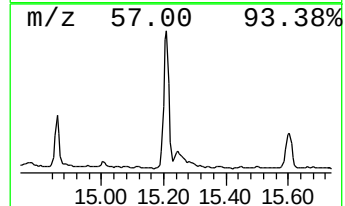
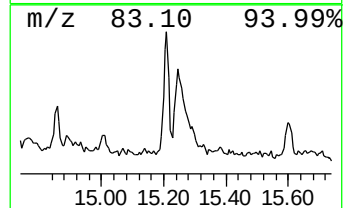
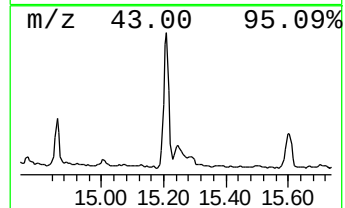
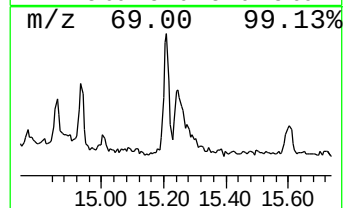
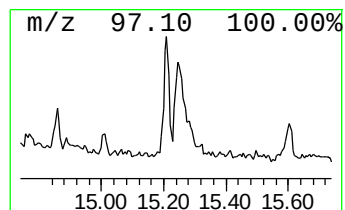
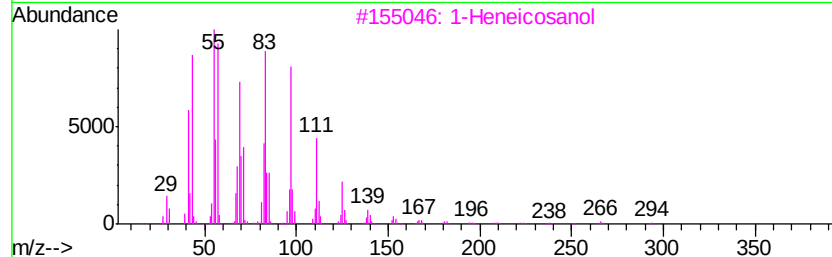
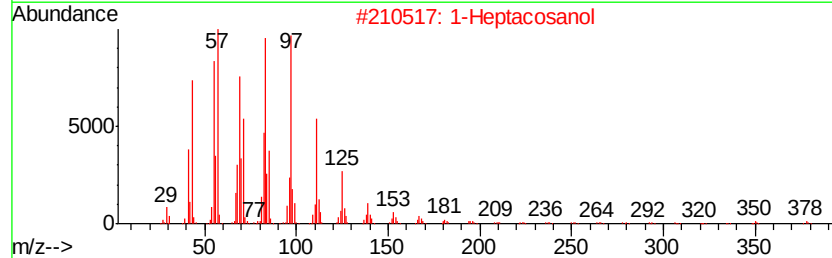
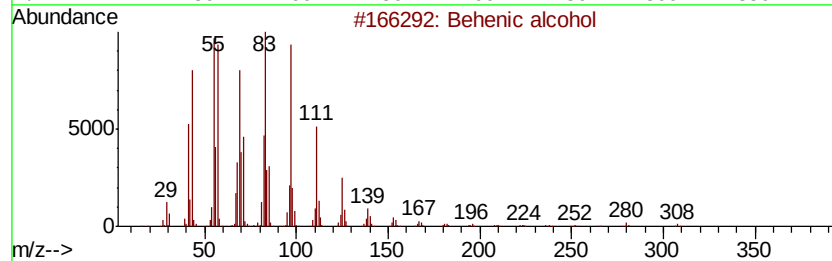
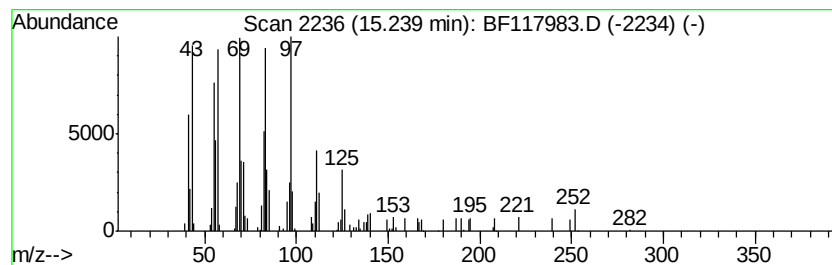
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Behenic alcohol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.93 ng	143026	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		1-Heneicosanol	312	C21H44O	015594-90-8	83
4		1-Octadecene	252	C18H36	000112-88-9	80
5		9-Nonadecene	266	C19H38	031035-07-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
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Sample : K5972-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-PILE

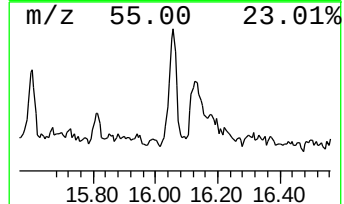
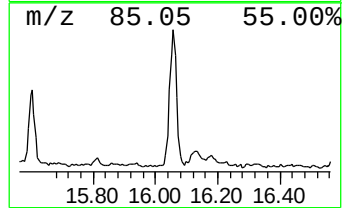
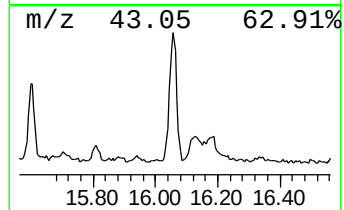
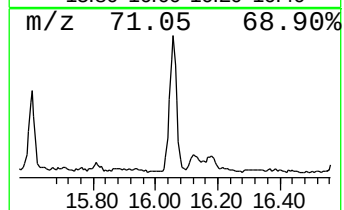
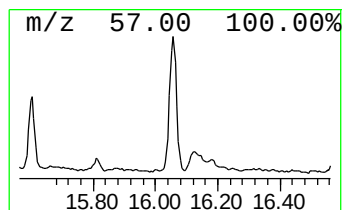
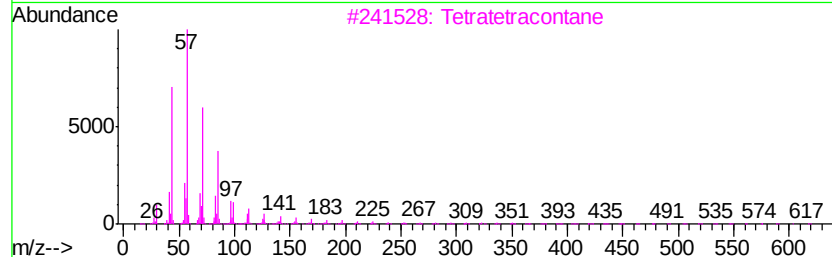
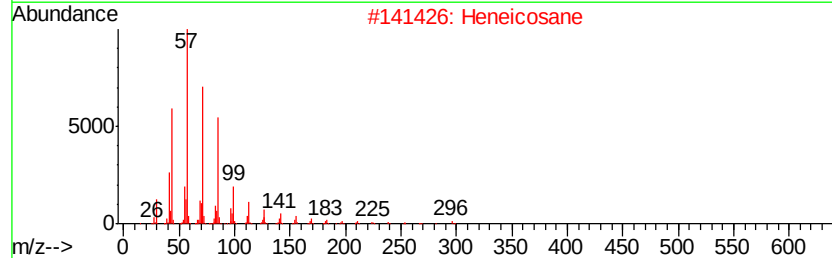
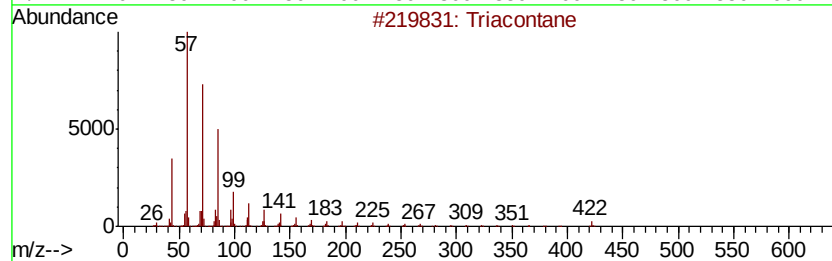
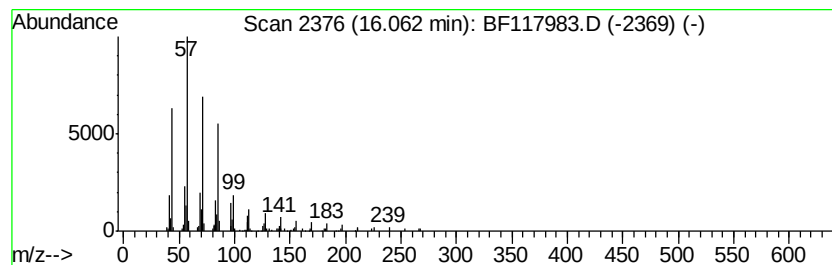
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	6.60 ng	321894	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
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Misc :
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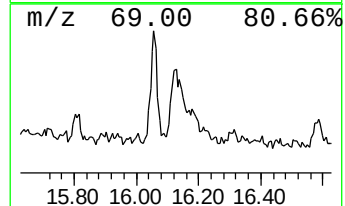
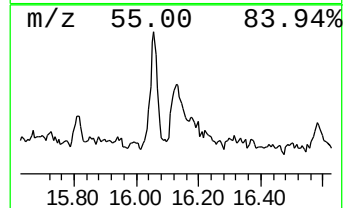
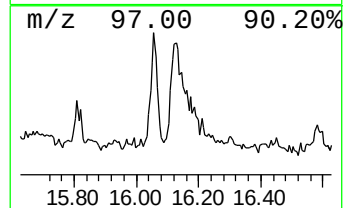
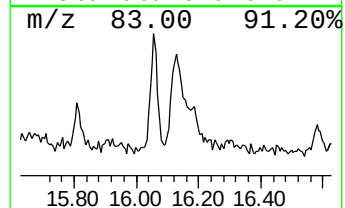
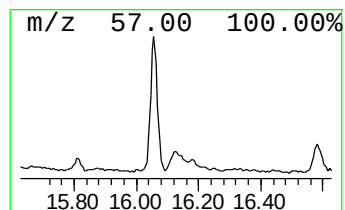
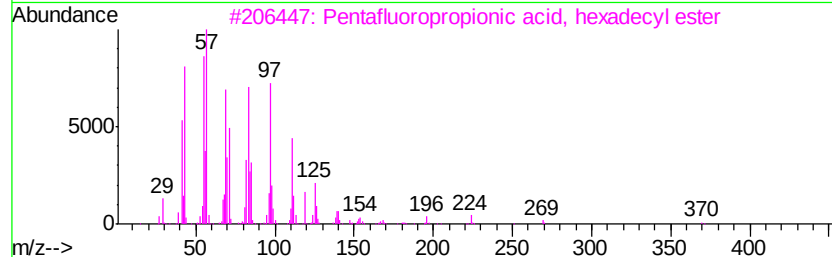
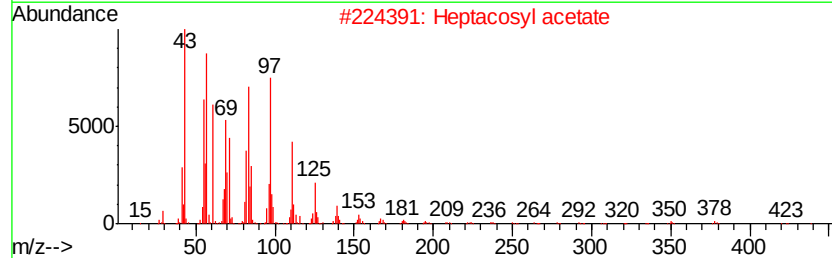
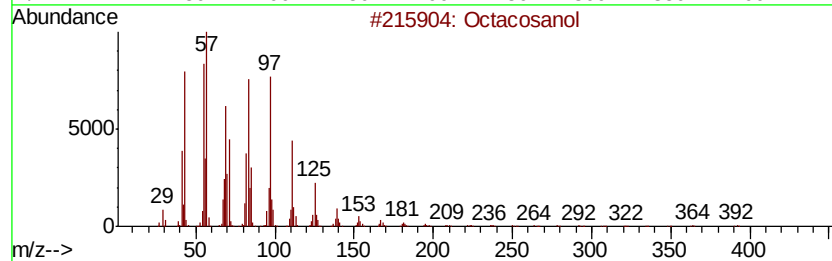
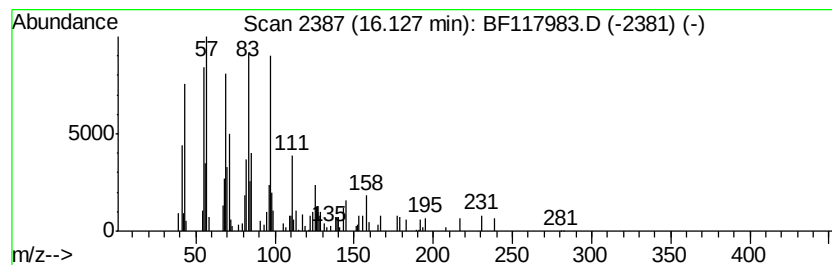
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octacosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.86 ng	188044	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	91
2		Heptacosyl acetate	438	C29H58O2	1000351-78-2	87
3		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	87
4		Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	83
5		Carbonic acid, octadecyl 2,2,2-trifluoroethyl ester	444	C21H39Cl3O3	1000314-56-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
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ClientSampleId :
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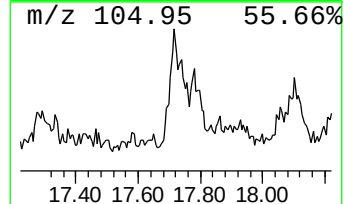
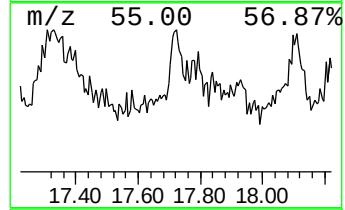
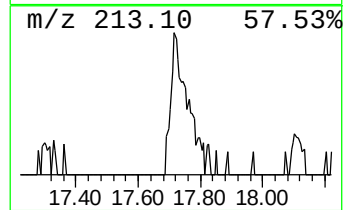
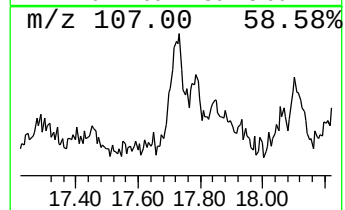
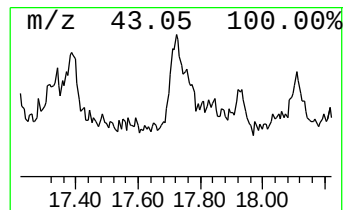
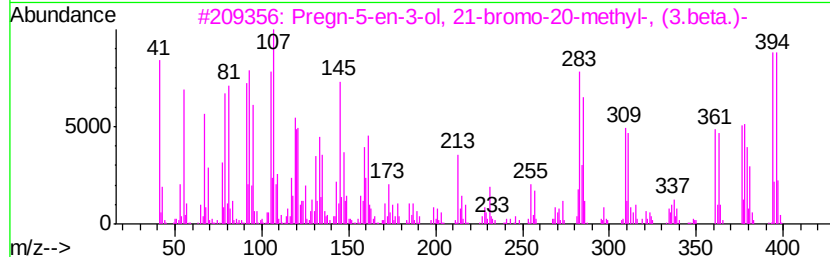
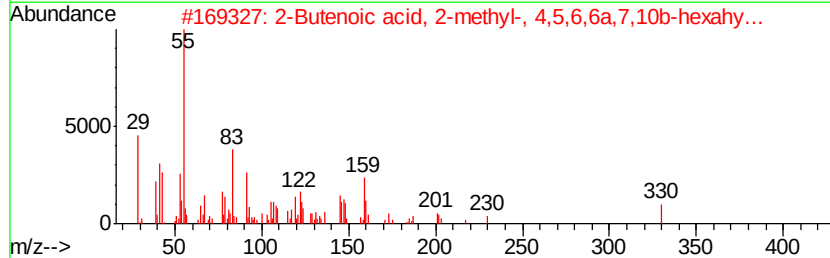
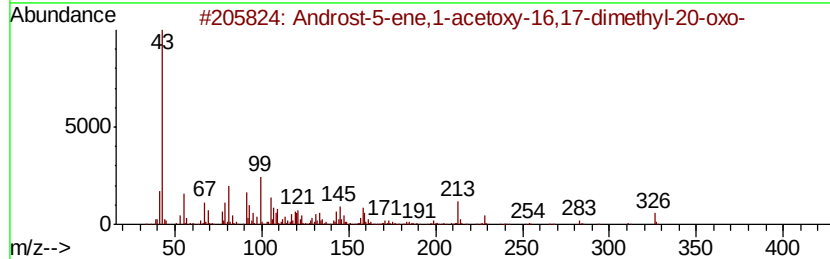
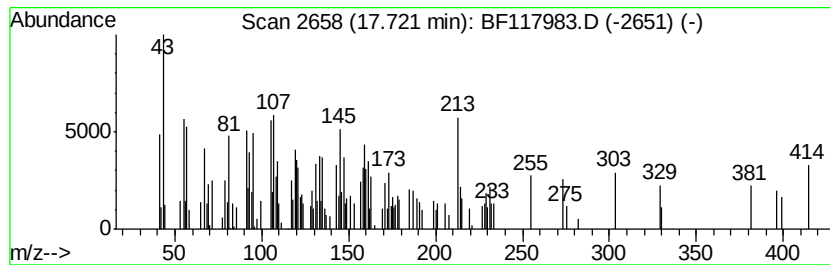
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.72 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	4.92 ng	239957	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Androst-5-ene,1-acetoxv-16,17-di...	386	C25H38O3	294866-91-4	16
2			2-Butenoic acid, 2-methyl-, 4,5,...	330	C20H26O4	056298-87-4	15
3			Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	11
4			Ethinyl Estradiol	296	C20H24O2	000057-63-6	10
5			Pyridine-5-carboxylic acid, 1,2,...	394	C22H22N2O5	346725-14-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
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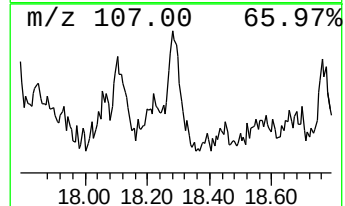
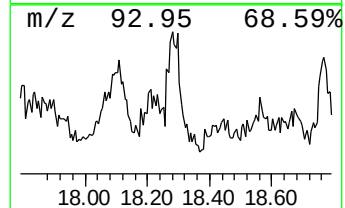
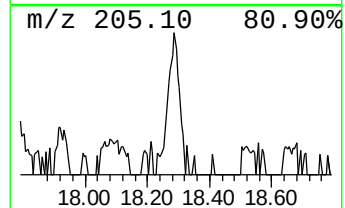
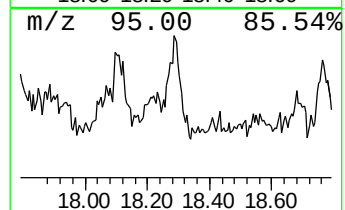
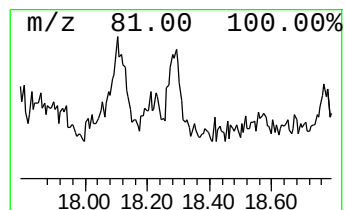
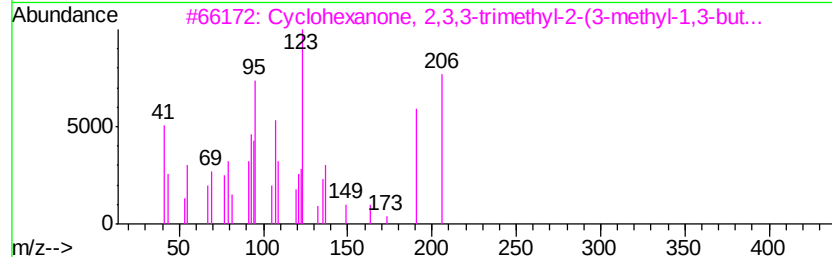
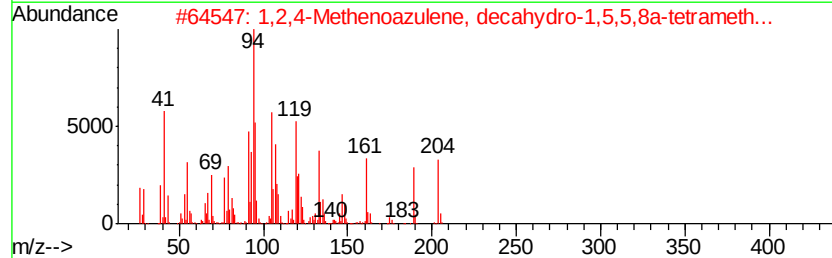
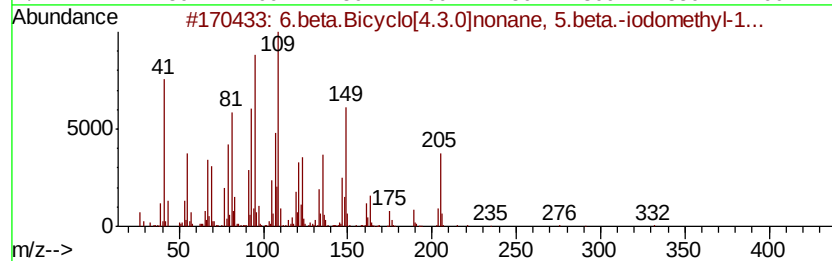
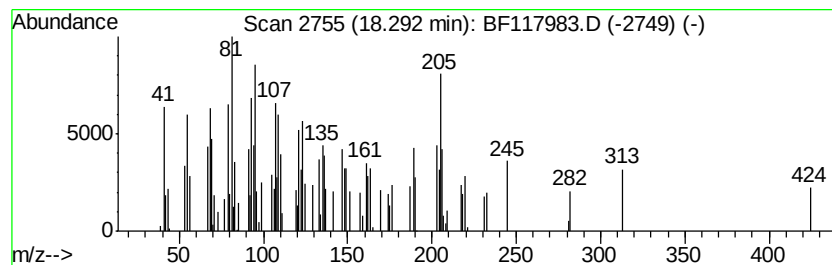
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.29 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.21 ng	156391	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6.beta.Bicvclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	38		
2	1,2,4-Methenoazulene, decahydro-...	204	C15H24	001137-12-8	22		
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	20		
4	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	20		
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	20		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
SOIL-PILE

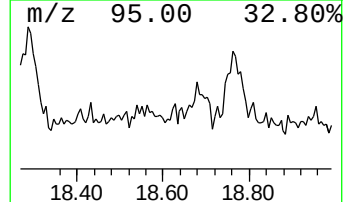
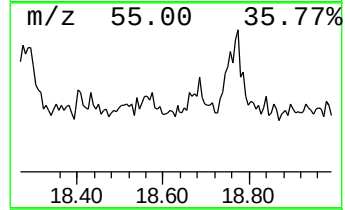
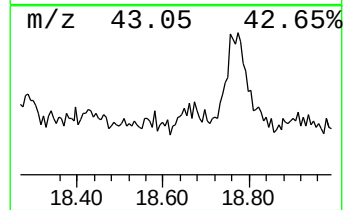
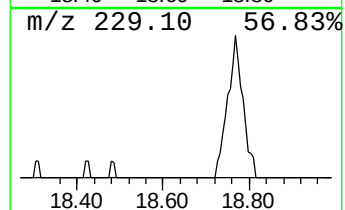
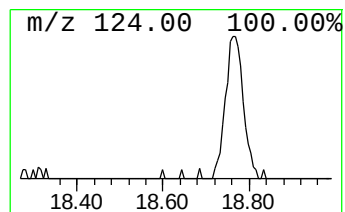
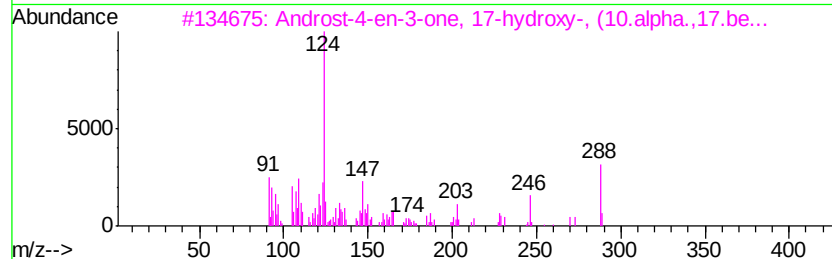
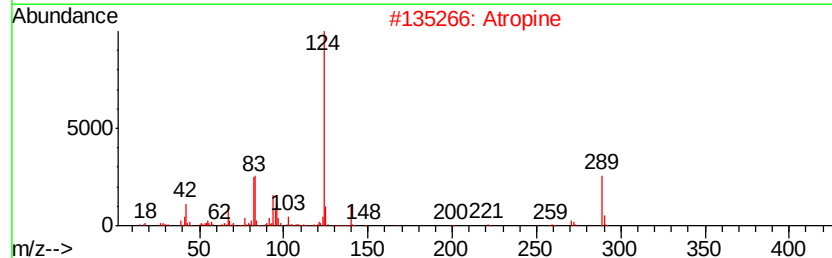
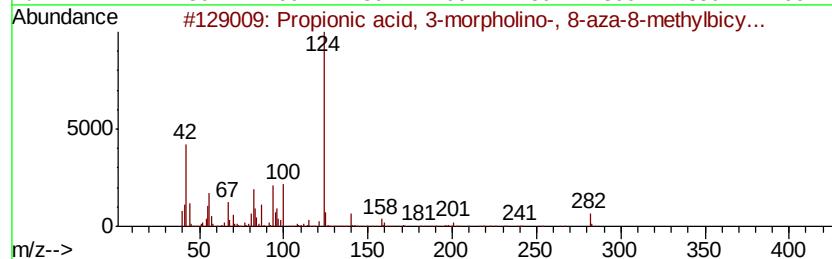
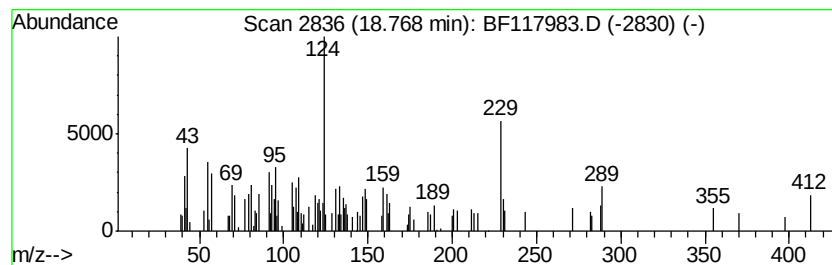
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.77 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.07 ng	149818	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propionic acid, 3-morpholino-, 8...	282	C15H26N2O3	302941-91-9	38
2		Atropine	289	C17H23NO3	000051-55-8	38
3		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	30
4		2-Amino-4-methyl-3-pyridinol	124	C6H8N2O	020348-18-9	25
5		Phenol, 2,6-diamino-	124	C6H8N2O	022440-82-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112519\
 Data File : BF117983.D
 Acq On : 25 Nov 2019 23:20
 Operator : JU
 Sample : K5972-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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-methoxy...	2.22	15.8	ng	775783	1	6.89	979381	20.0
2-Pentanone, 4-hy...	5.11	12.5	ng	611635	1	6.89	979381	20.0
unknown6.66	6.66	67.8	ng	3317610	1	6.89	979381	20.0
Pentadecane, 2,6,...	10.86	2.9	ng	226823	4	11.43	1573060	20.0
n-Hexadecanoic acid	11.96	10.7	ng	844160	4	11.43	1573060	20.0
Octadecanoic acid	12.75	7.7	ng	606191	4	11.43	1573060	20.0
Tricosane	13.25	2.6	ng	155900	5	14.08	1202780	20.0
Hexadecane	13.59	2.8	ng	165940	5	14.08	1202780	20.0
Oxalic acid, isob...	13.92	11.3	ng	679138	5	14.08	1202780	20.0
Triacontane	14.24	2.7	ng	161434	5	14.08	1202780	20.0
Heptacosane	14.54	7.5	ng	450647	5	14.08	1202780	20.0
Hexacosane	14.86	2.9	ng	141360	6	15.57	974856	20.0
Eicosane	15.21	10.9	ng	532339	6	15.57	974856	20.0
Behenic alcohol	15.24	2.9	ng	143026	6	15.57	974856	20.0
Tetratetracontane	16.06	6.6	ng	321894	6	15.57	974856	20.0
Octacosanol	16.13	3.9	ng	188044	6	15.57	974856	20.0
unknown17.72	17.72	4.9	ng	239957	6	15.57	974856	20.0
unknown18.29	18.29	3.2	ng	156391	6	15.57	974856	20.0
unknown18.77	18.77	3.1	ng	149818	6	15.57	974856	20.0