

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118341.D
 Acq On : 27 Dec 2019 16:46
 Operator : JU
 Sample : K6431-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-(4-5)

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-BF122419.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	2.116	3	5	15	rVB	526139	577175	10.11%	1.240%
2	5.069	502	507	521	rVB	518861	747748	13.09%	1.606%
3	5.475	571	576	579	rBV	3865077	3600793	63.06%	7.736%
4	6.128	683	687	690	rBV	208066	176361	3.09%	0.379%
5	6.492	743	749	756	rBV	3746105	3977572	69.66%	8.546%
6	6.628	767	772	775	rVB	4227552	4196341	73.49%	9.016%
7	6.851	806	810	818	rBV	1063913	854417	14.96%	1.836%
8	7.010	831	837	840	rBV	3846011	3296676	57.73%	7.083%
9	7.416	901	906	918	rBV	2294230	2494469	43.68%	5.359%
10	8.139	1025	1029	1048	rBV	1151653	1137960	19.93%	2.445%
11	9.216	1207	1212	1215	rBV	5470899	5015225	87.83%	10.775%
12	9.610	1275	1279	1289	rVB	504433	430671	7.54%	0.925%
13	9.898	1324	1328	1332	rBV	1526713	1306870	22.89%	2.808%
14	10.698	1459	1464	1478	rBV	3500645	3635199	63.66%	7.810%
15	11.392	1578	1582	1585	rBV	1697780	1482421	25.96%	3.185%
16	11.416	1585	1586	1590	rVV	252175	161489	2.83%	0.347%
17	11.457	1590	1593	1602	rVB3	58784	102437	1.79%	0.220%
18	11.916	1664	1671	1680	rBV	562321	610571	10.69%	1.312%
19	12.610	1786	1789	1799	rBV	206829	244232	4.28%	0.525%
20	12.704	1802	1805	1813	rBV	151398	182984	3.20%	0.393%
21	12.845	1823	1829	1832	rBV	156352	171856	3.01%	0.369%
22	12.986	1848	1853	1856	rBV	6032151	5710299	100.00%	12.268%
23	13.457	1926	1933	1938	rBV	175556	305773	5.35%	0.657%
24	13.498	1938	1940	1944	rVV3	120651	143941	2.52%	0.309%
25	13.545	1944	1948	1951	rVB2	85941	136766	2.40%	0.294%
26	13.874	2000	2004	2016	rBV	724638	882178	15.45%	1.895%
27	14.045	2028	2033	2036	rBV	1334908	1248945	21.87%	2.683%
28	14.068	2036	2037	2041	rVB	71516	59973	1.05%	0.129%
29	14.145	2047	2050	2055	rBV4	42164	60241	1.05%	0.129%
30	14.198	2055	2059	2065	rVB	185704	183897	3.22%	0.395%
31	14.504	2107	2111	2118	rBV	273402	314434	5.51%	0.676%
32	14.810	2157	2163	2167	rBV2	315873	420789	7.37%	0.904%
33	15.104	2209	2213	2216	rBV	43018	62178	1.09%	0.134%
34	15.151	2217	2221	2226	rVB	286456	318607	5.58%	0.685%

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SB-2-(4-5)

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	15.474	2272	2276	2281	rVB	41668	59394	1.04%	0.128%
36	15.539	2281	2287	2297	rBV	1005596	1374017	24.06%	2.952%
37	15.980	2357	2362	2367	rBV	180011	277249	4.86%	0.596%
38	16.033	2367	2371	2381	rVV2	154558	296276	5.19%	0.637%
39	16.492	2443	2449	2455	rBV2	95153	203903	3.57%	0.438%
40	17.092	2548	2551	2558	rVB4	42280	82989	1.45%	0.178%

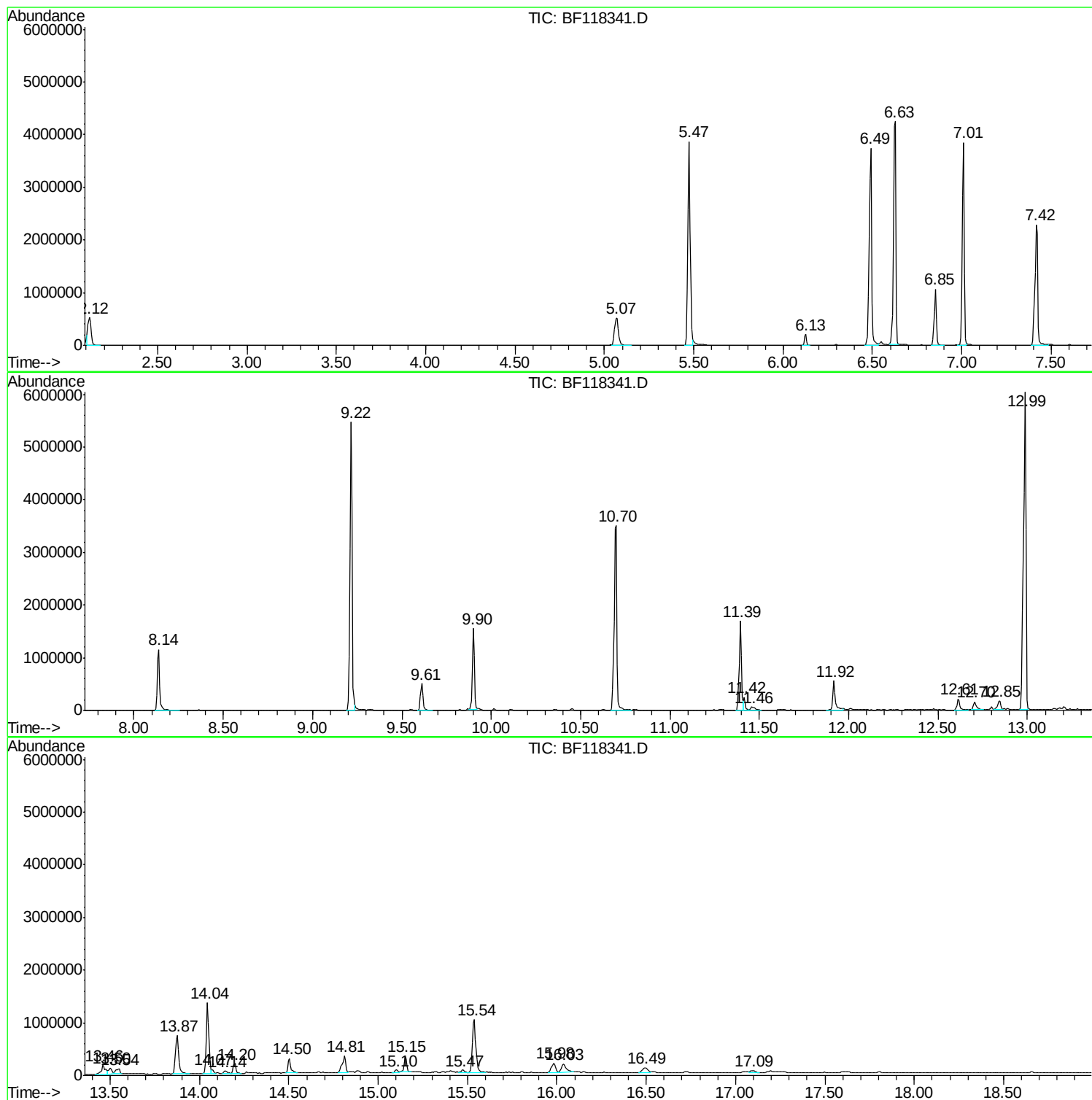
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Instrument :
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ClientSampled :
SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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Instrument :
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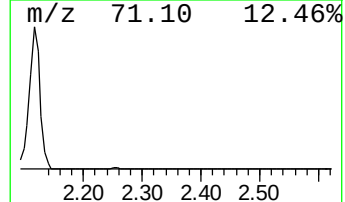
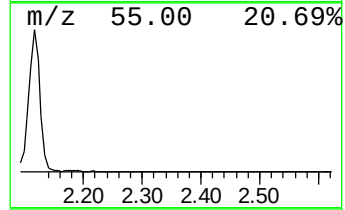
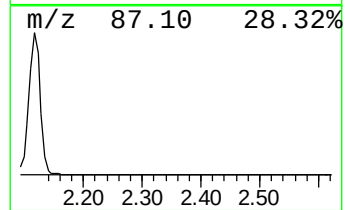
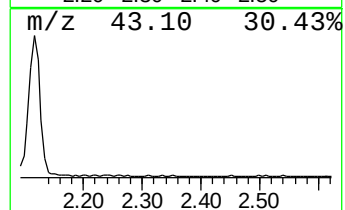
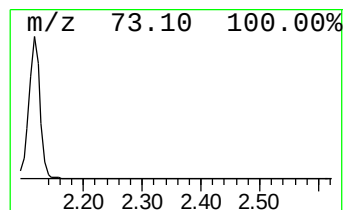
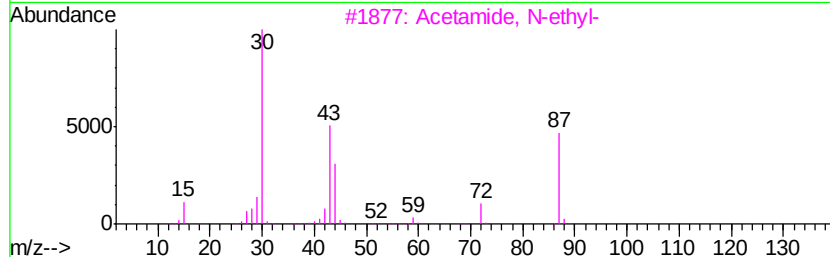
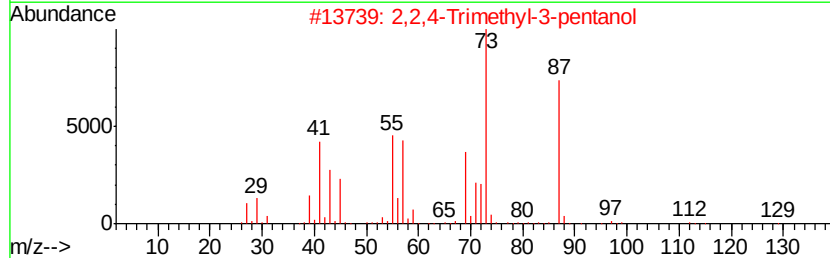
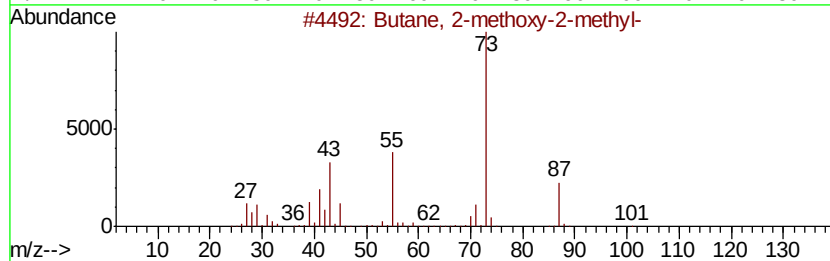
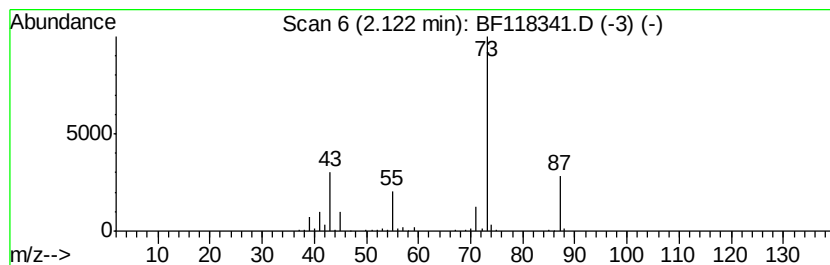
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	13.51 ng	577175	1,4-Dichlorobenzene-d4	6.85

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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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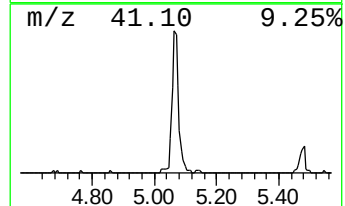
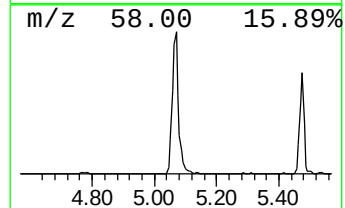
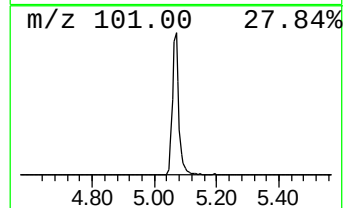
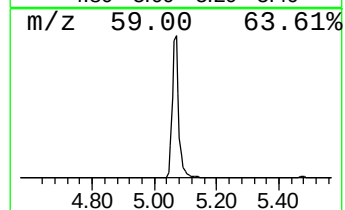
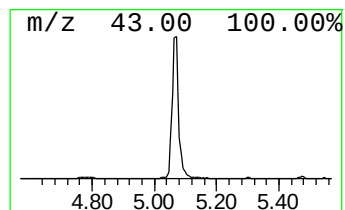
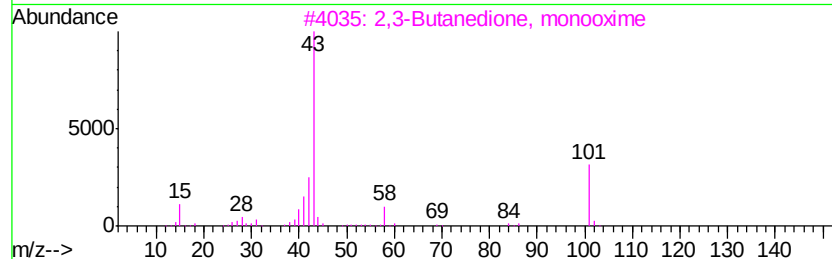
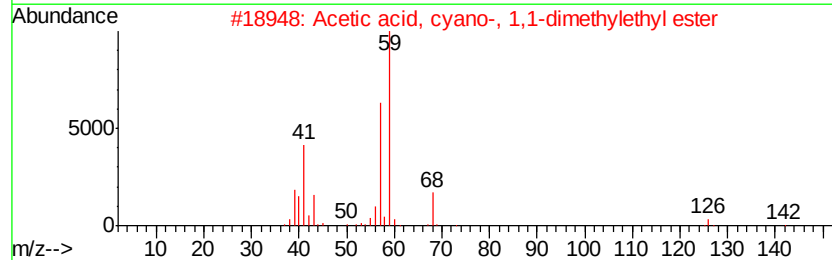
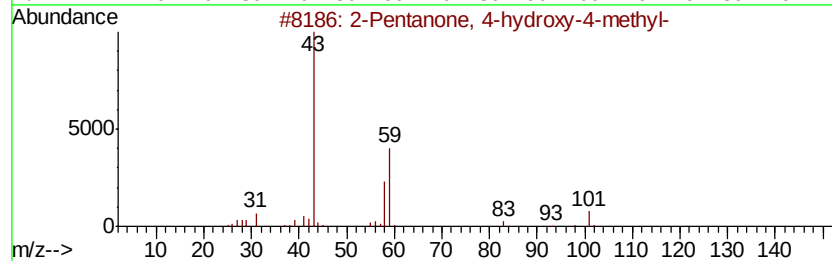
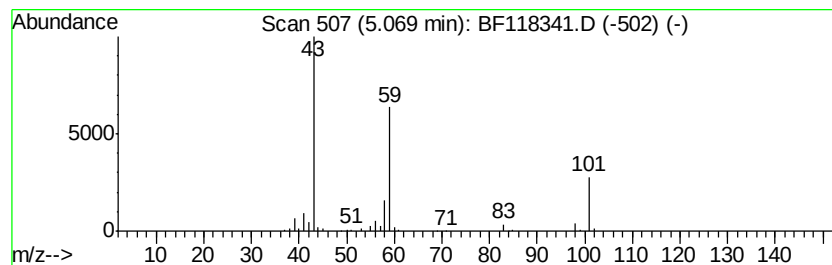
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	17.50 ng	747748	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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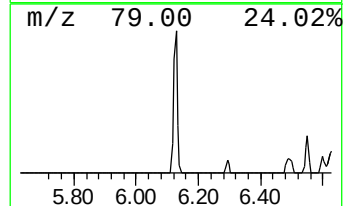
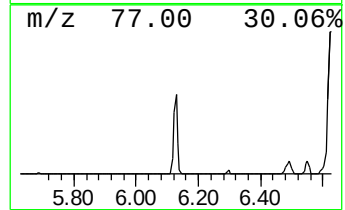
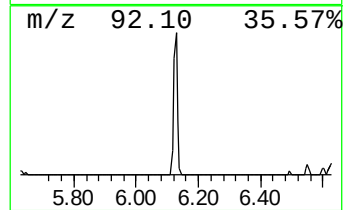
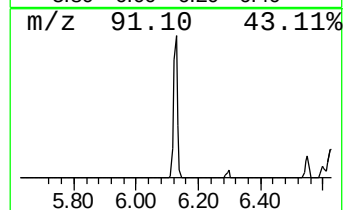
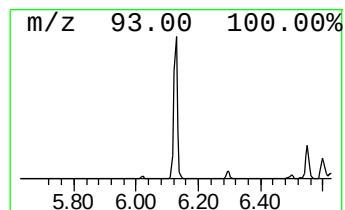
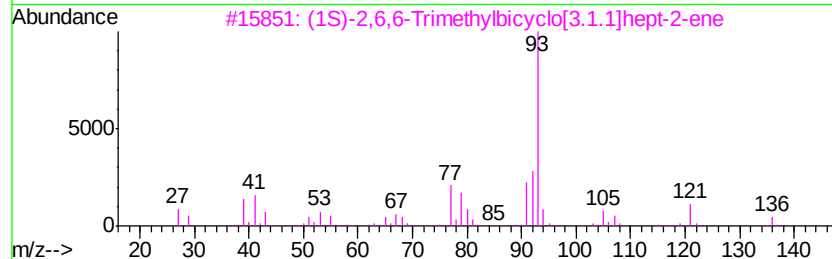
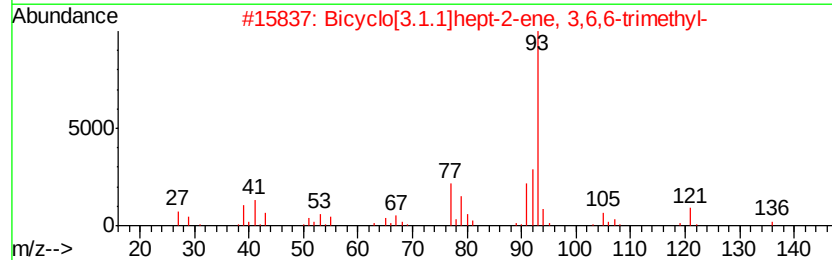
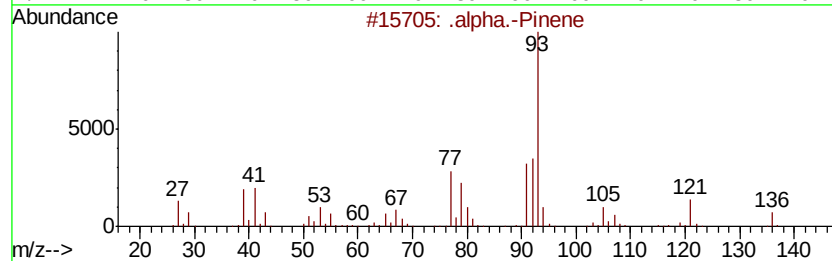
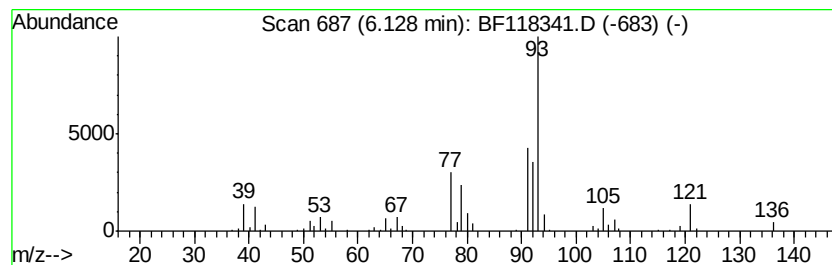
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	4.13 ng	176361	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	94
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
5		.gamma.-Terpinene	136	C10H16	000099-85-4	90



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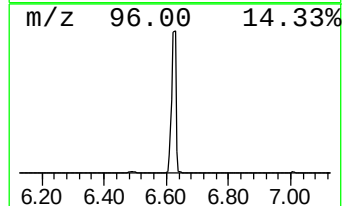
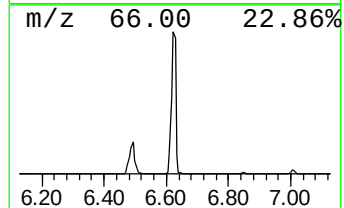
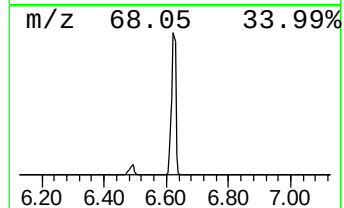
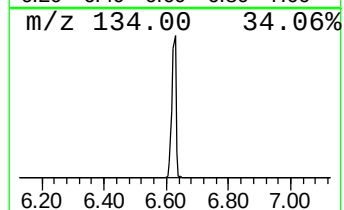
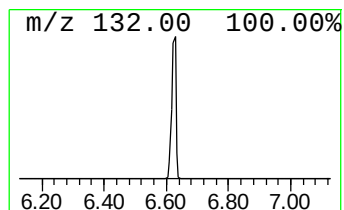
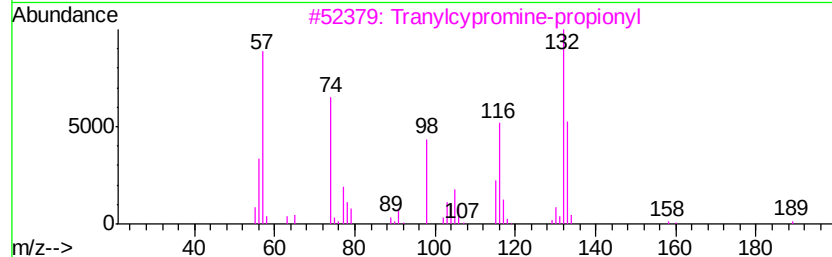
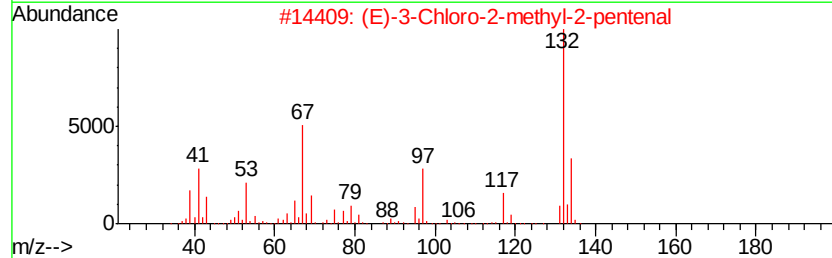
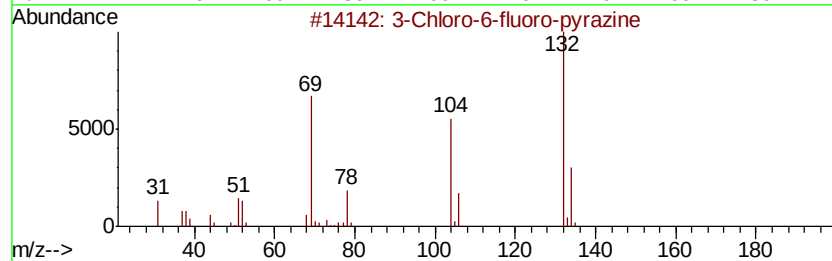
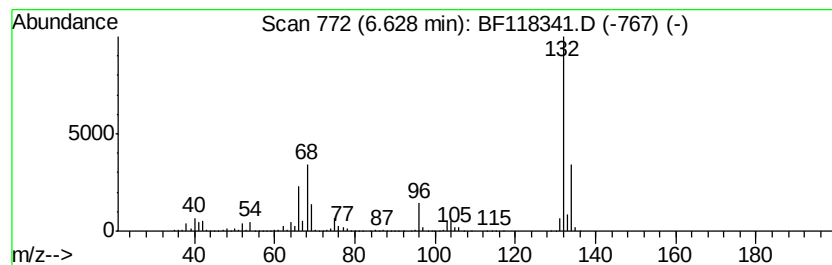
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	98.23 ng	4196340	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9



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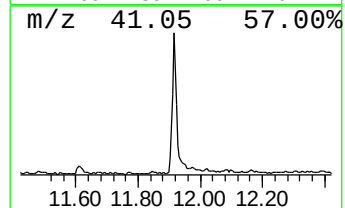
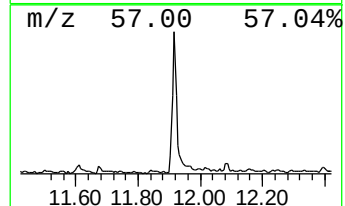
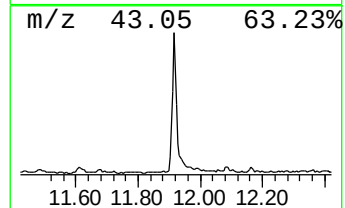
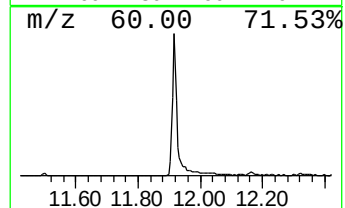
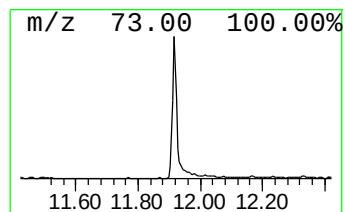
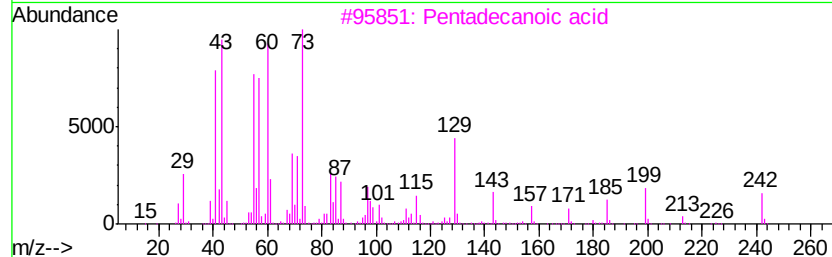
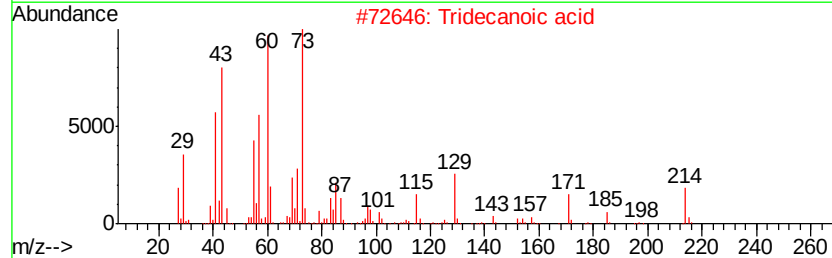
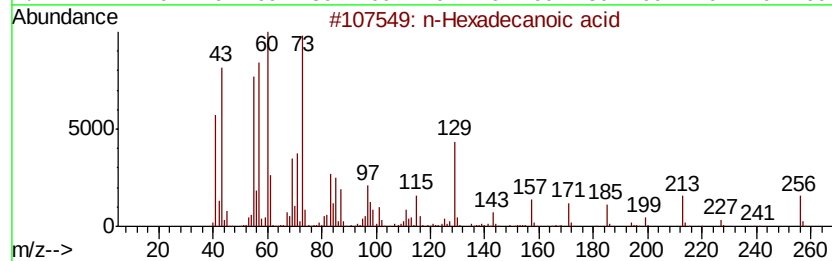
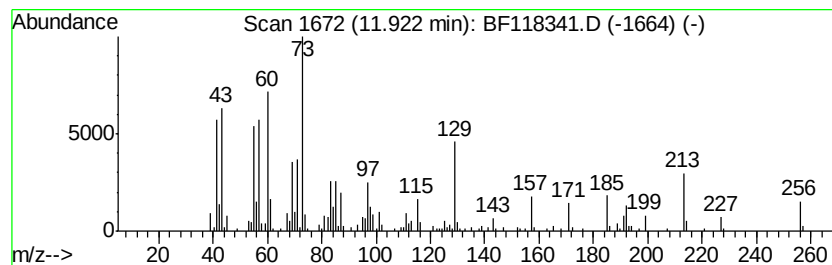
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.92	8.24 ng	610571	Phenanthrene-d10		11.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Dodecanoic acid	200	C12H24O2	000143-07-7	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118341.D
Acq On : 27 Dec 2019 16:46
Operator : JU
Sample : K6431-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2-(4-5)

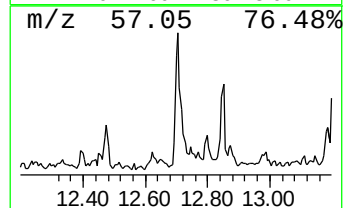
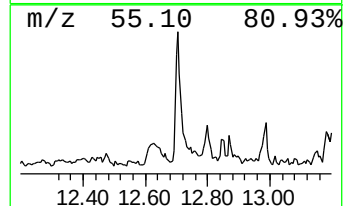
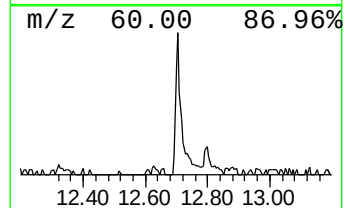
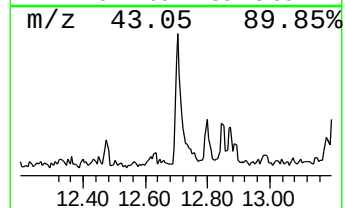
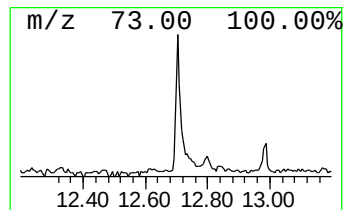
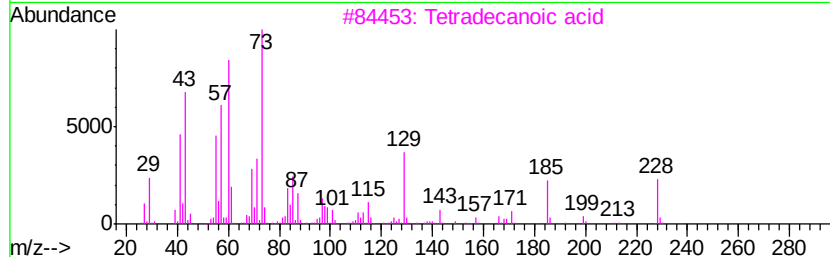
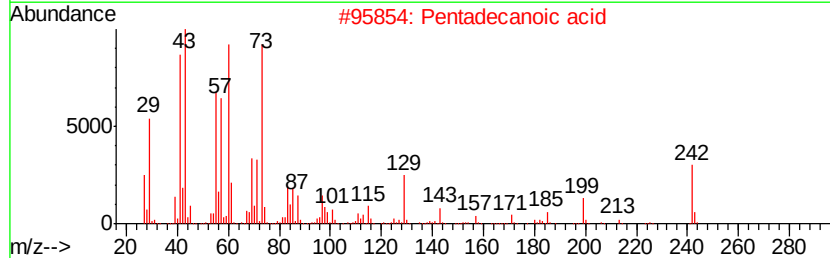
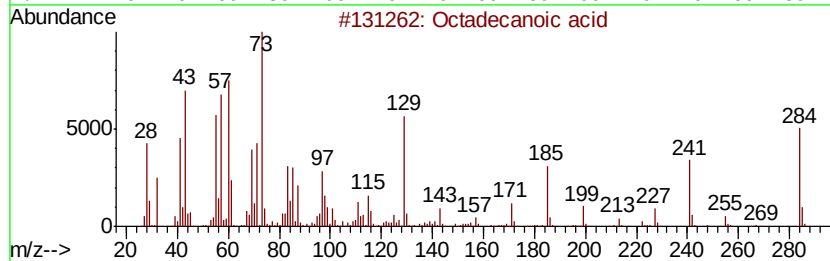
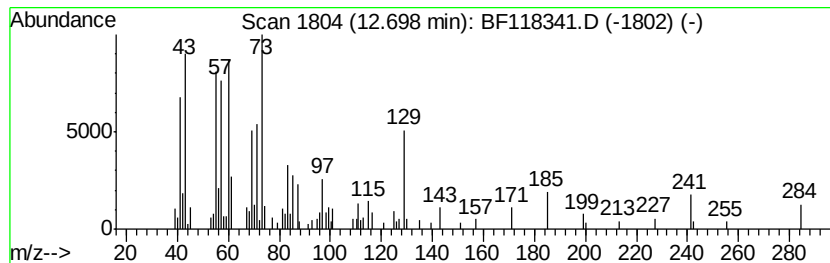
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.47 ng	182984	Phenanthrene-d10	11.39

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	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	49
5		Undecanoic acid	186	C11H22O2	000112-37-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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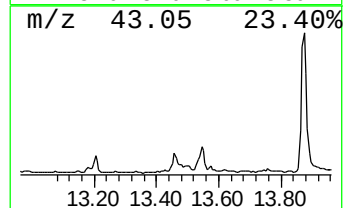
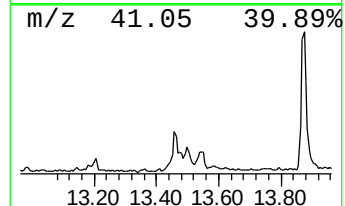
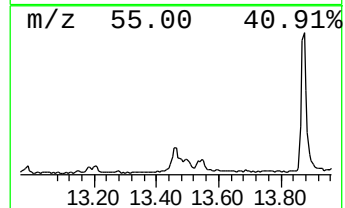
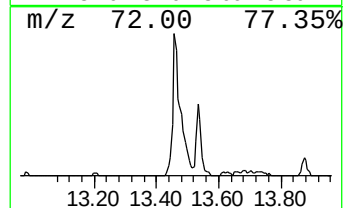
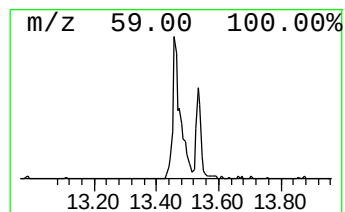
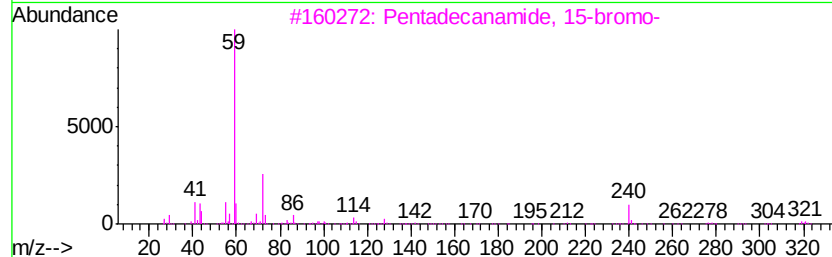
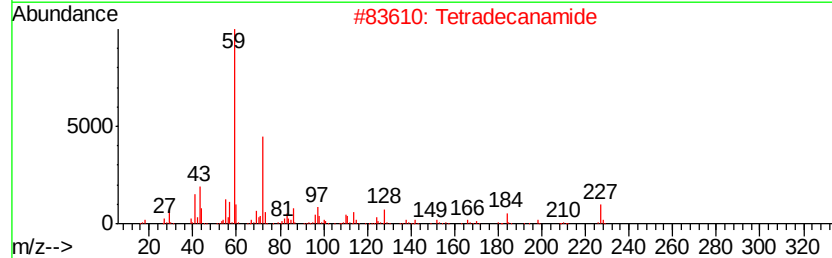
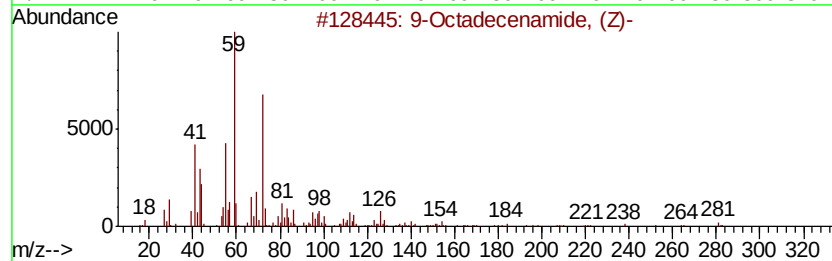
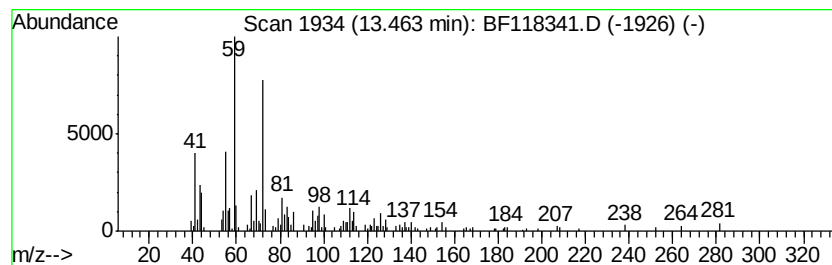
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.46	4.90 ng	305773	Chrysene-d12	14.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97	
2	Tetradecanamide	227	C14H29NO	000638-58-4	43	
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	43	
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	42	
5	7-Nonenamide	155	C9H17NO	090949-53-4	32	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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Operator : JU
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Misc :
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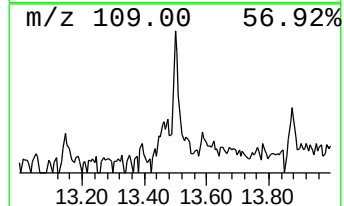
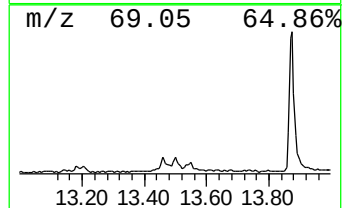
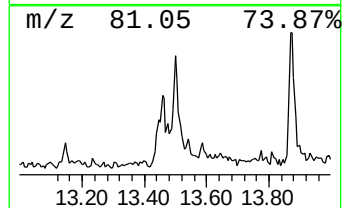
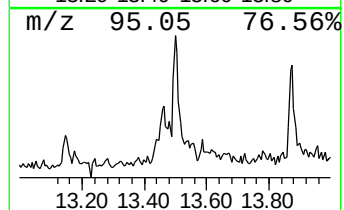
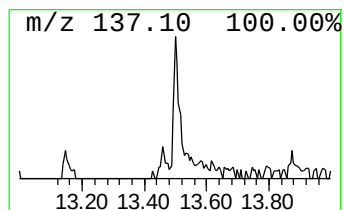
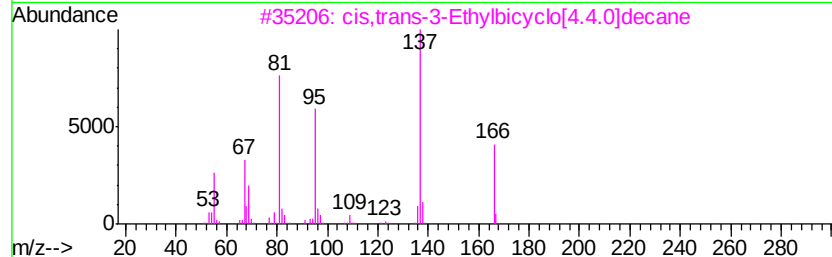
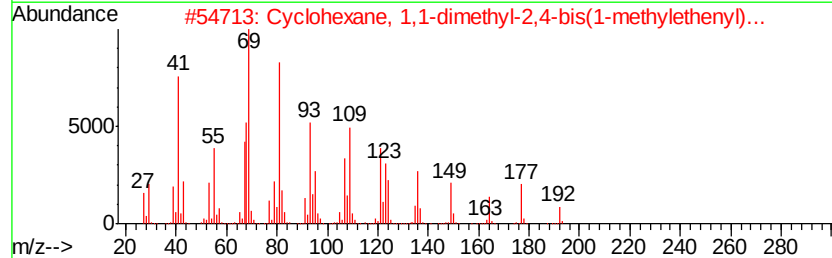
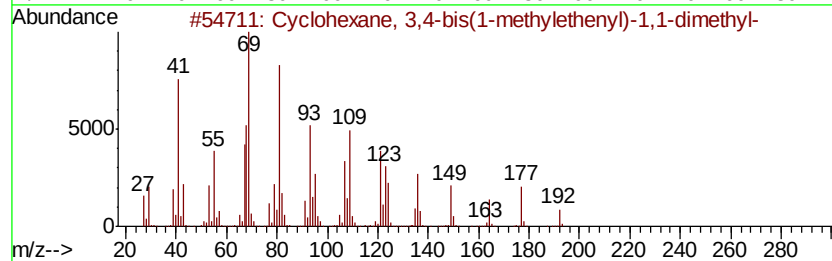
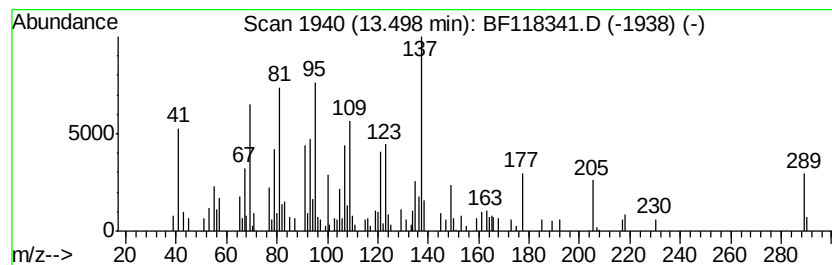
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.50 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.31 ng	143941	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 3,4-bis(1-methyleth...	192	C14H24	061142-74-3	49
2		Cyclohexane, 1,1-dimethyl-2,4-bi...	192	C14H24	062337-98-8	49
3		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	43
4		cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	41
5		Cyclopentanecarboxylic acid, 3-m...	262	C17H26O2	074793-59-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118341.D
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Instrument :
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ClientSampleId :
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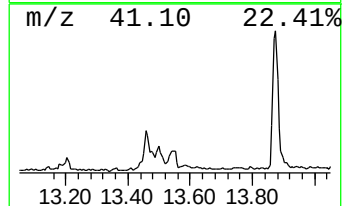
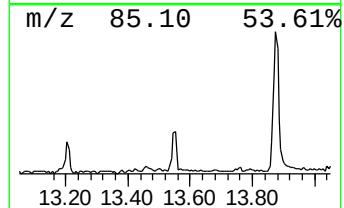
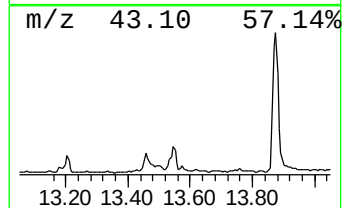
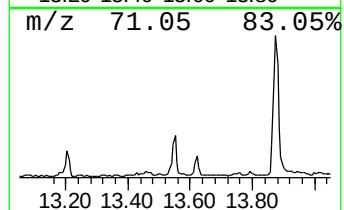
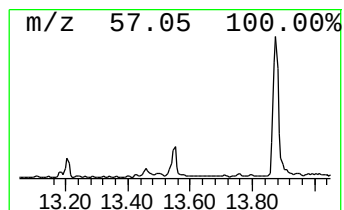
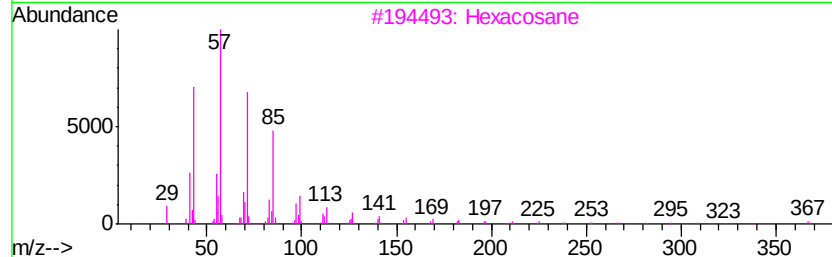
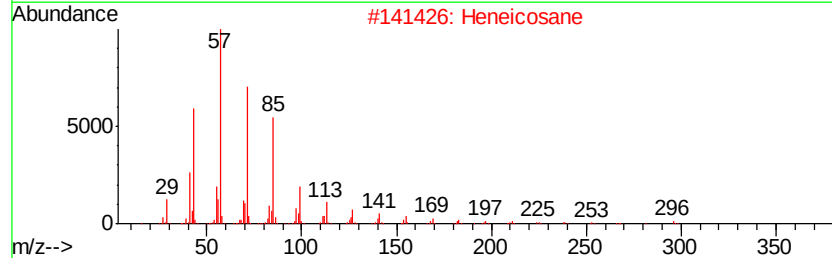
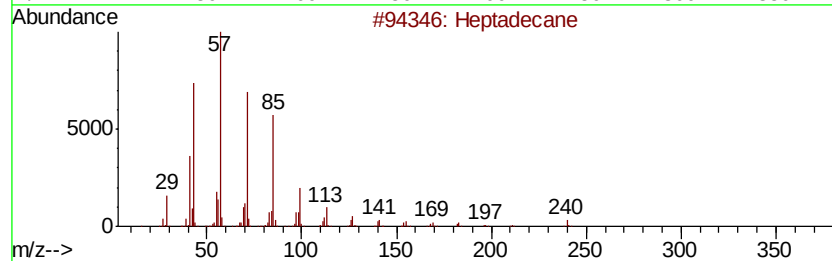
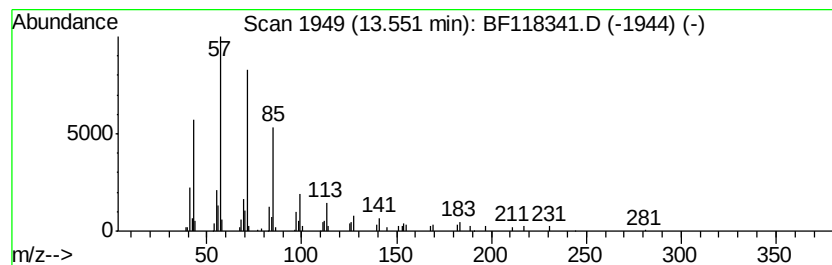
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.19 ng	136766	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118341.D
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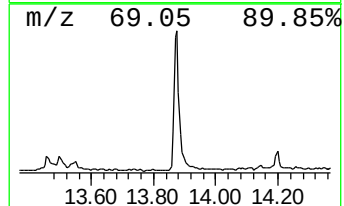
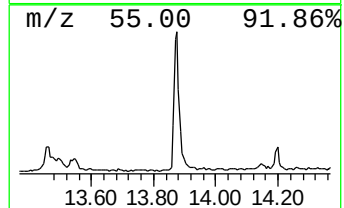
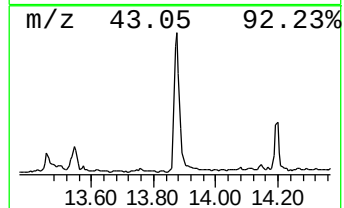
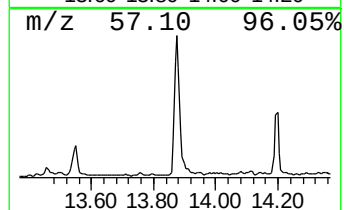
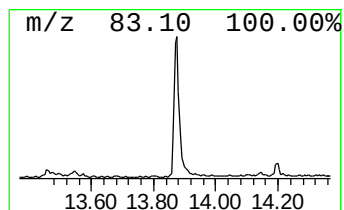
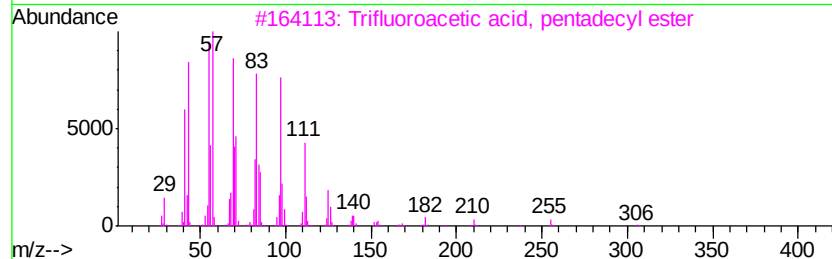
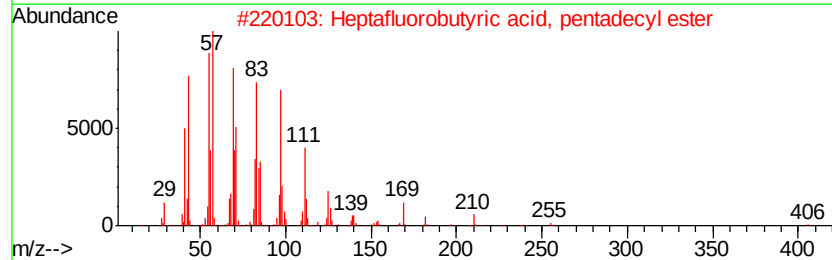
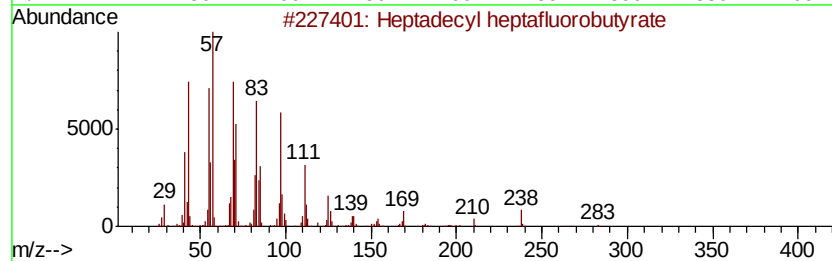
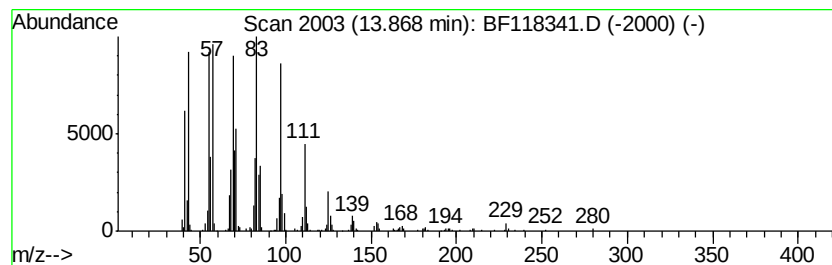
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	14.13 ng	882178	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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Instrument :
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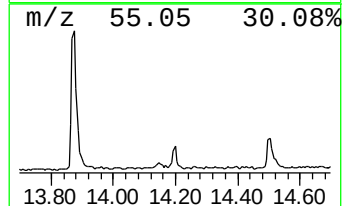
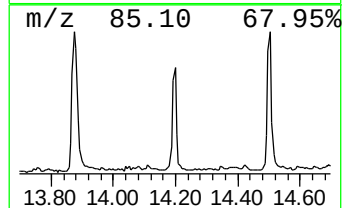
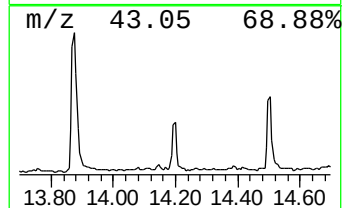
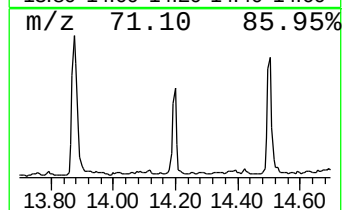
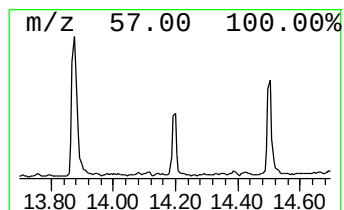
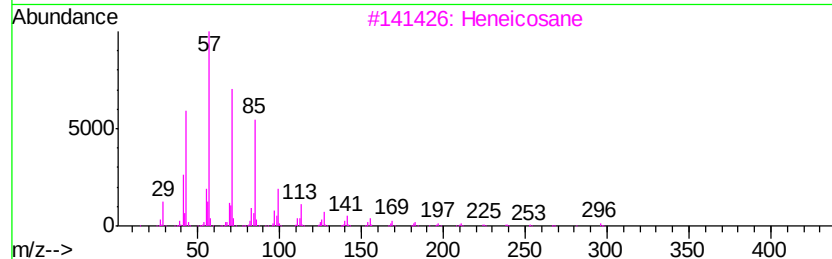
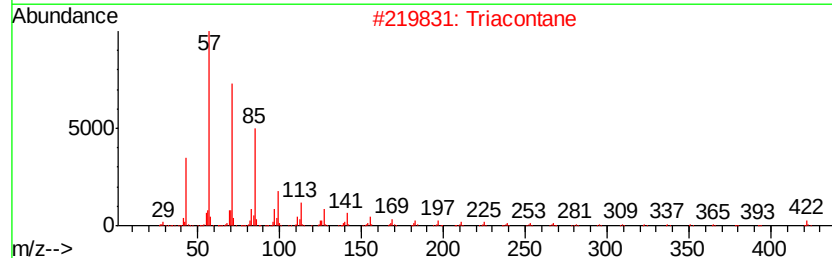
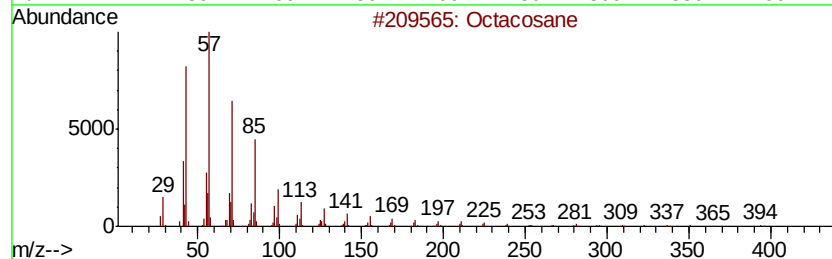
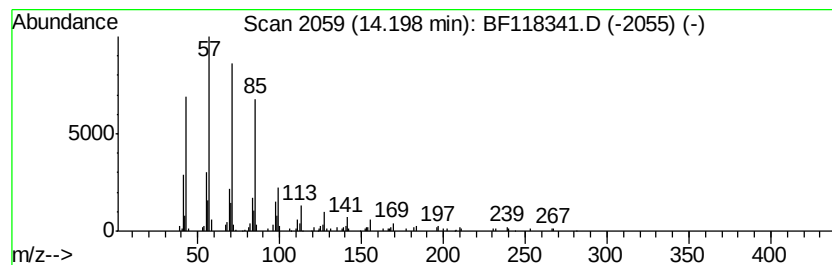
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 13 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.94 ng	183897	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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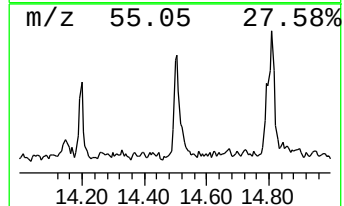
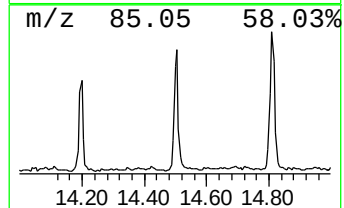
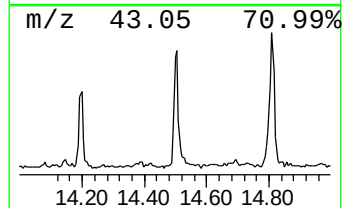
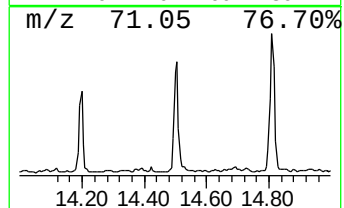
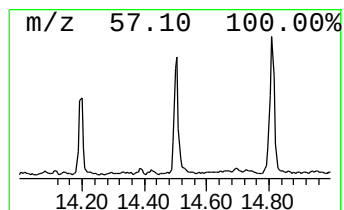
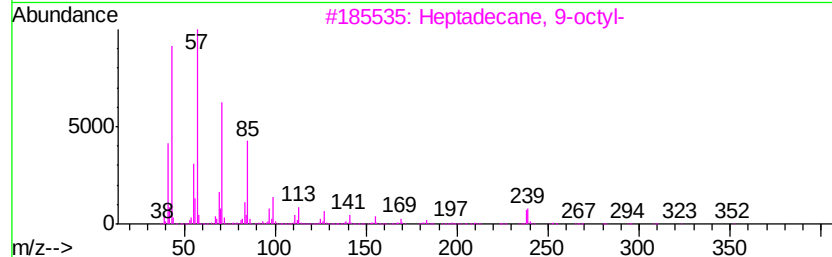
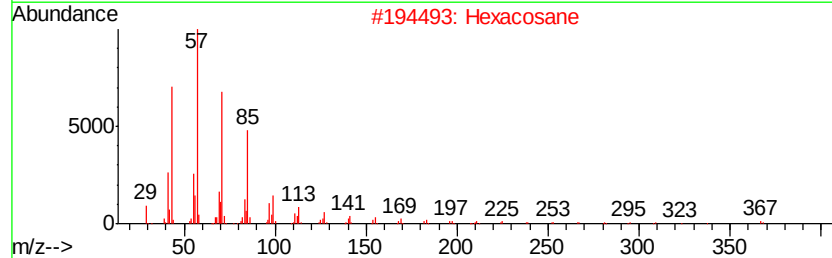
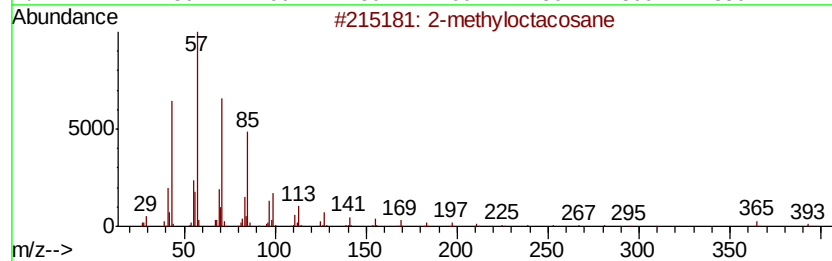
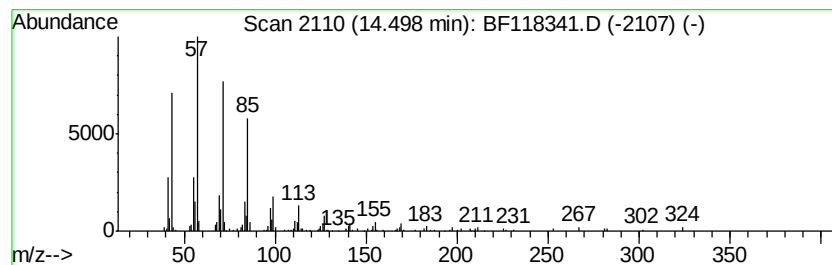
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	5.04 ng	314434	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			2-methylhexacosane	380	C27H56	1000376-72-7	91
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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Acq On : 27 Dec 2019 16:46
Operator : JU
Sample : K6431-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

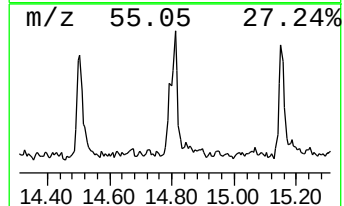
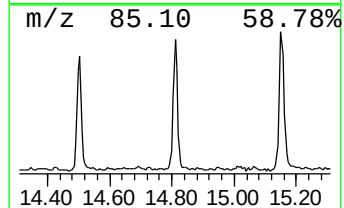
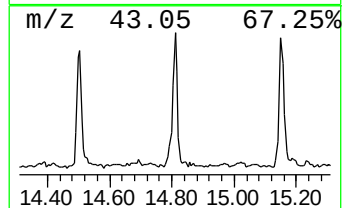
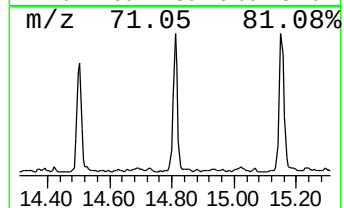
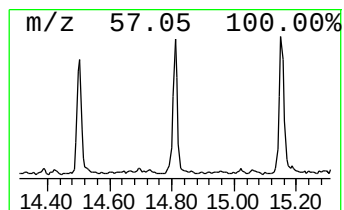
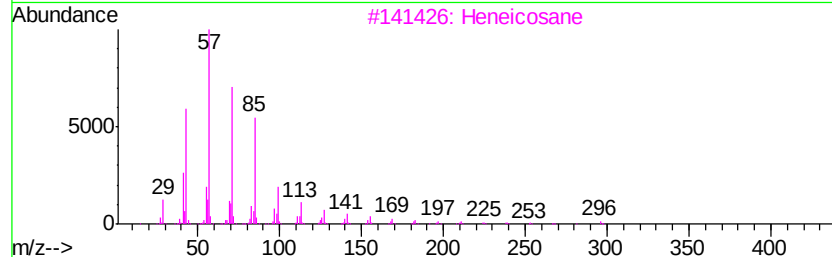
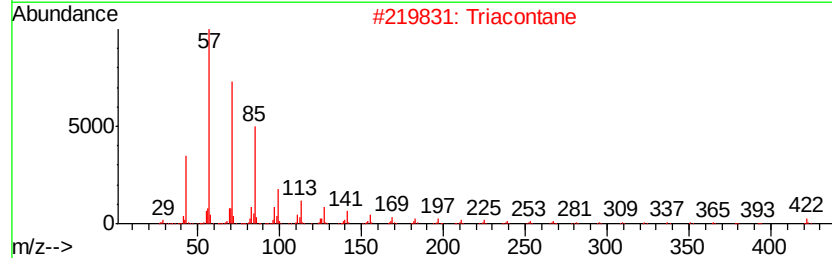
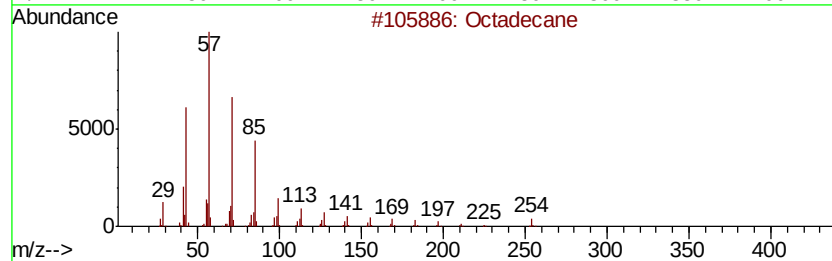
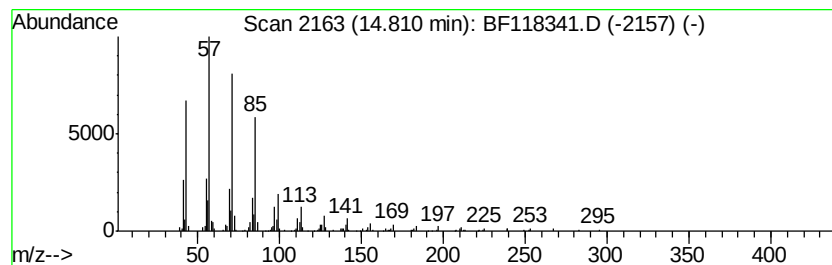
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ClientSampleId :
SB-2-(4-5)

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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 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.81	6.12 ng	420789	Perylene-d12		15.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118341.D
 Acq On : 27 Dec 2019 16:46
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Instrument :
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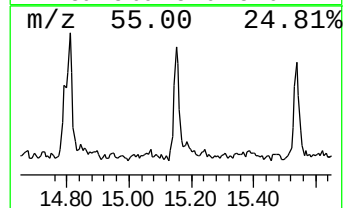
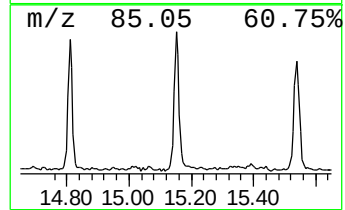
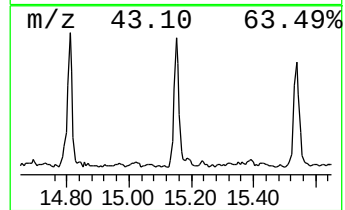
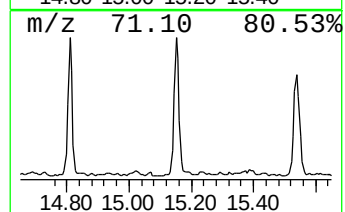
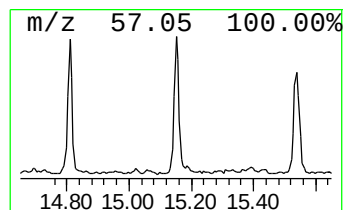
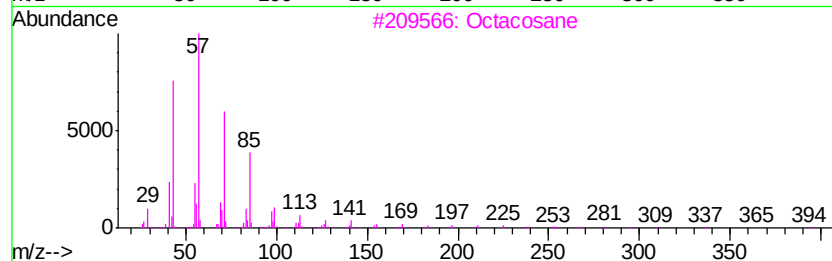
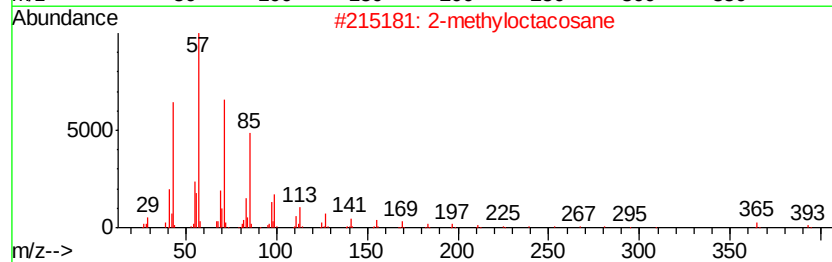
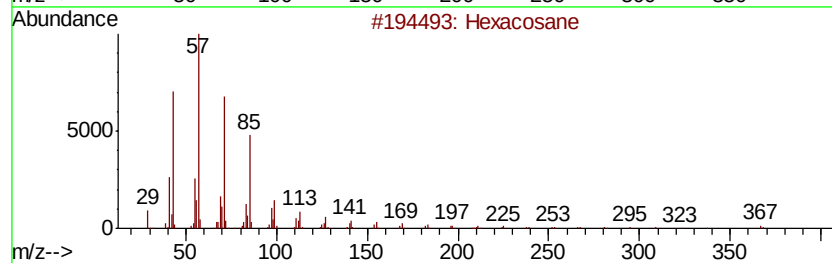
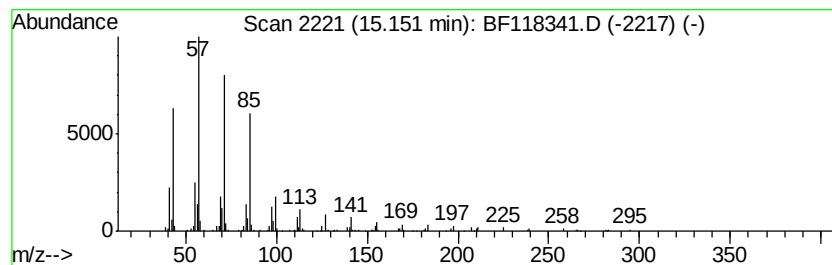
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.64 ng	318607	Perylene-d12	15.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Octacosane	394	C28H58	000630-02-4	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\BF122719\
Data File : BF118341.D
Acq On : 27 Dec 2019 16:46
Operator : JU
Sample : K6431-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2-(4-5)

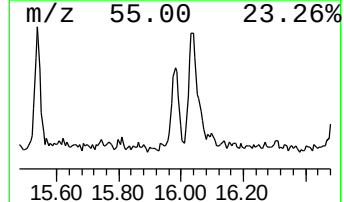
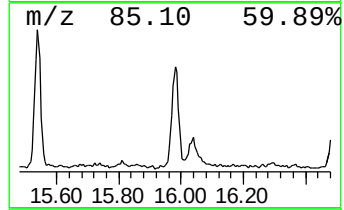
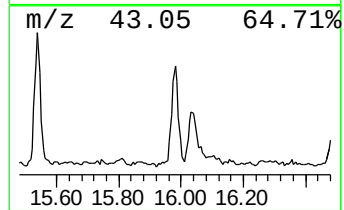
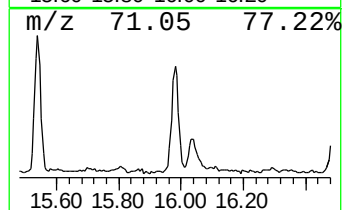
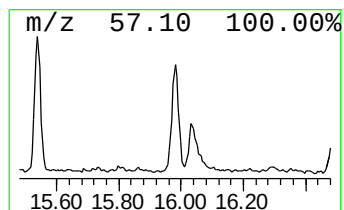
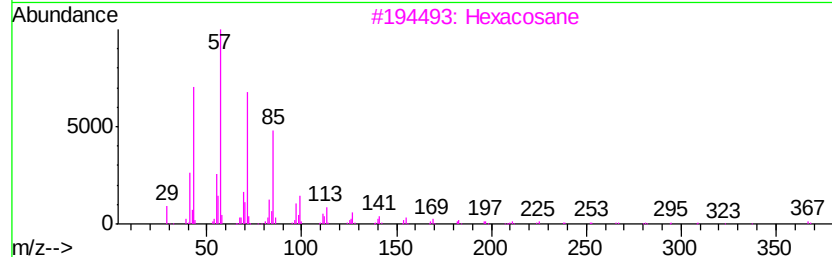
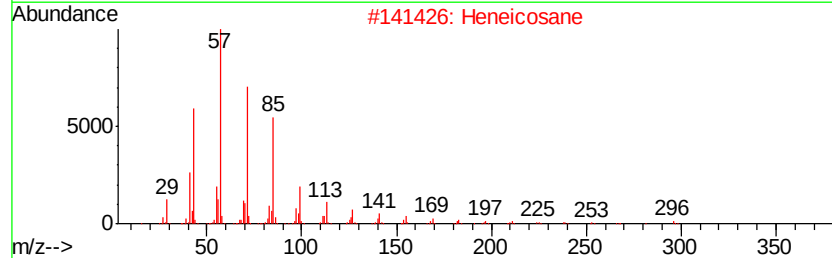
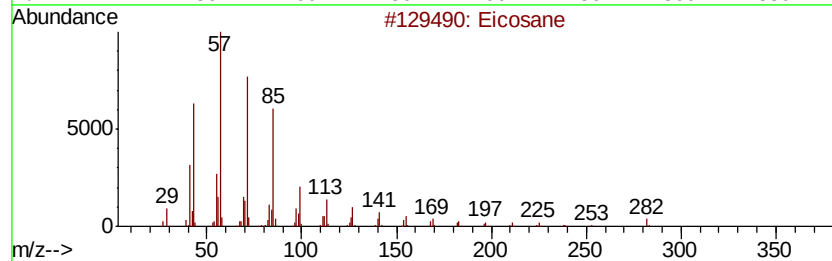
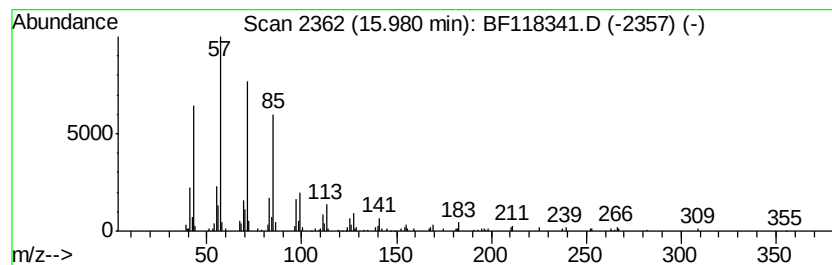
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	4.04 ng	277249	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
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Acq On : 27 Dec 2019 16:46
Operator : JU
Sample : K6431-09
Misc :
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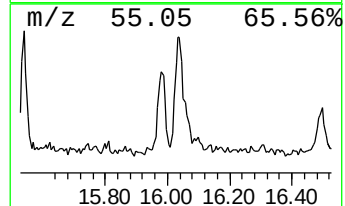
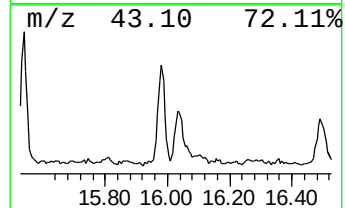
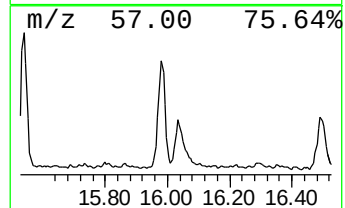
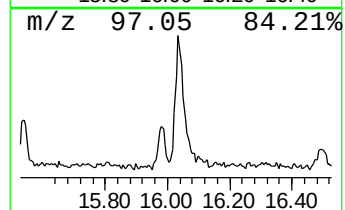
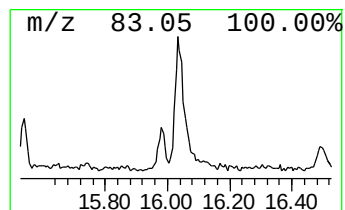
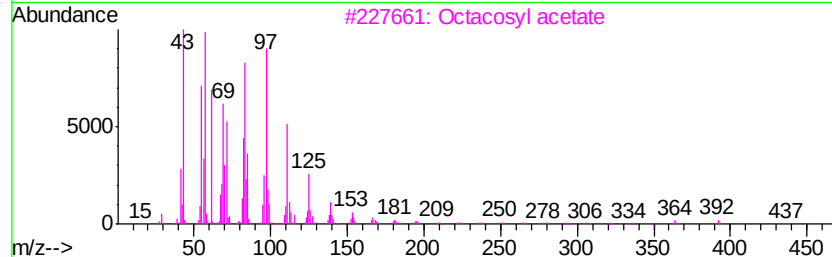
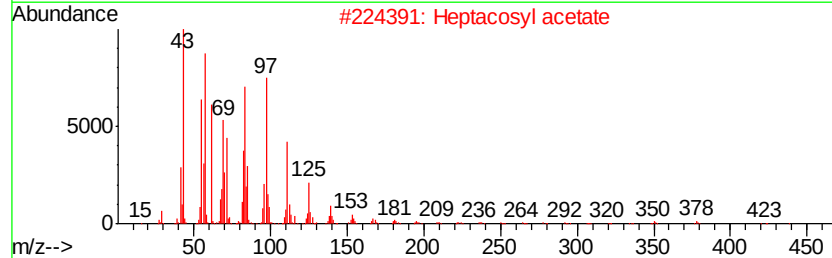
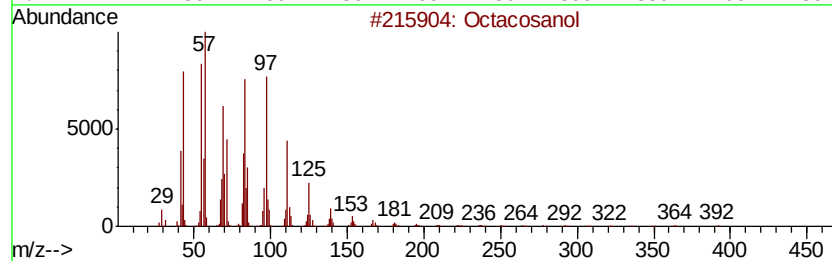
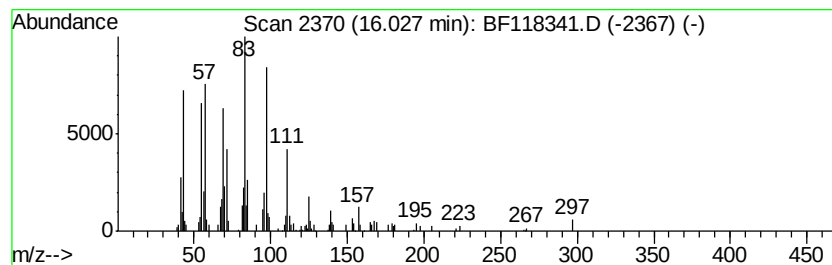
Instrument :
BNA_F
ClientSampleId :
SB-2-(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.03	4.31 ng	296276	Perylene-d12		15.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	60
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	60
3	Octacosyl acetate	452	C30H60O2	018206-97-8	60
4	1-Heptacosanol	396	C27H56O	002004-39-9	49
5	Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122719\
 Data File : BF118341.D
 Acq On : 27 Dec 2019 16:46
 Operator : JU
 Sample : K6431-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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...	2.12	13.5	ng	577175	1	6.85	854417	20.0
2-Pentanone, 4-hy...	5.07	17.5	ng	747748	1	6.85	854417	20.0
.alpha.-Pinene	6.13	4.1	ng	176361	1	6.85	854417	20.0
unknown6.63	6.63	98.2	ng	4196340	1	6.85	854417	20.0
n-Hexadecanoic acid	11.92	8.2	ng	610571	4	11.39	1482420	20.0
Octadecanoic acid	12.70	2.5	ng	182984	4	11.39	1482420	20.0
9-Octadecenamide, ...	13.46	4.9	ng	305773	5	14.04	1248950	20.0
unknown13.50	13.50	2.3	ng	143941	5	14.04	1248950	20.0
Heptadecane	13.55	2.2	ng	136766	5	14.04	1248950	20.0
Heptadecyl heptaf...	13.87	14.1	ng	882178	5	14.04	1248950	20.0
Octacosane	14.20	2.9	ng	183897	5	14.04	1248950	20.0
2-methyloctacosane	14.50	5.0	ng	314434	5	14.04	1248950	20.0
Octadecane	14.81	6.1	ng	420789	6	15.54	1374020	20.0
Hexacosane	15.15	4.6	ng	318607	6	15.54	1374020	20.0
Eicosane	15.98	4.0	ng	277249	6	15.54	1374020	20.0
Octacosanol	16.03	4.3	ng	296276	6	15.54	1374020	20.0