

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
 Data File : BF118712.D
 Acq On : 25 Jan 2020 5:53
 Operator : CG/JU
 Sample : L1241-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-16

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-BF012020.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	2.163	5	13	20	rVB	1419226	2048669	23.02%	3.023%
2	5.099	509	512	520	rVB	80625	112686	1.27%	0.166%
3	5.493	573	579	582	rBV	6143867	6786437	76.25%	10.015%
4	6.493	743	749	762	rVB	5606683	7137741	80.20%	10.533%
5	6.863	806	812	816	rBV	1778743	1415953	15.91%	2.090%
6	7.022	835	839	842	rBV	6483897	5970430	67.08%	8.811%
7	7.422	901	907	910	rBV	4180376	4588761	51.56%	6.772%
8	8.145	1026	1030	1033	rBV	2176478	1792198	20.14%	2.645%
9	9.222	1207	1213	1216	rBV	9432400	8900013	100.00%	13.134%
10	9.334	1225	1232	1236	rBV2	318682	323370	3.63%	0.477%
11	9.610	1275	1279	1282	rBV	1053159	902848	10.14%	1.332%
12	9.898	1324	1328	1331	rBV	2528329	2141326	24.06%	3.160%
13	10.481	1423	1427	1433	rBV	207841	187592	2.11%	0.277%
14	10.686	1457	1462	1465	rBV	5848221	5452975	61.27%	8.047%
15	11.380	1576	1580	1583	rBV	2392390	1988416	22.34%	2.934%
16	11.445	1586	1591	1595	rVB2	123505	117037	1.32%	0.173%
17	11.604	1615	1618	1624	rBV	122145	129342	1.45%	0.191%
18	11.910	1666	1670	1678	rBV	550950	607664	6.83%	0.897%
19	12.422	1753	1757	1763	rBV	1599871	1443259	16.22%	2.130%
20	12.627	1784	1792	1794	rBV	289214	305057	3.43%	0.450%
21	12.686	1799	1802	1807	rBV2	116137	133404	1.50%	0.197%
22	12.969	1845	1850	1853	rBV	7732334	8162665	91.72%	12.046%
23	13.169	1881	1884	1887	rBV	234872	243037	2.73%	0.359%
24	13.857	1996	2001	2012	rBV3	867624	1085021	12.19%	1.601%
25	14.010	2024	2027	2031	rVB	1610152	1534976	17.25%	2.265%
26	14.180	2053	2056	2063	rBV	162024	157776	1.77%	0.233%
27	14.486	2104	2108	2115	rVB	213425	226943	2.55%	0.335%
28	14.792	2156	2160	2168	rVB	236616	245888	2.76%	0.363%
29	14.868	2169	2173	2177	rVB	1072536	1036150	11.64%	1.529%
30	15.127	2213	2217	2224	rBV	224313	245587	2.76%	0.362%
31	15.474	2271	2276	2280	rBV	1287440	1650954	18.55%	2.436%
32	15.510	2280	2282	2289	rVB	206713	244708	2.75%	0.361%
33	15.945	2351	2356	2361	rBV2	149879	217635	2.45%	0.321%
34	15.998	2361	2365	2373	rVB5	54236	98715	1.11%	0.146%

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Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	16.451	2438	2442	2448	rVB2	80578	127788	1.44%	0.189%
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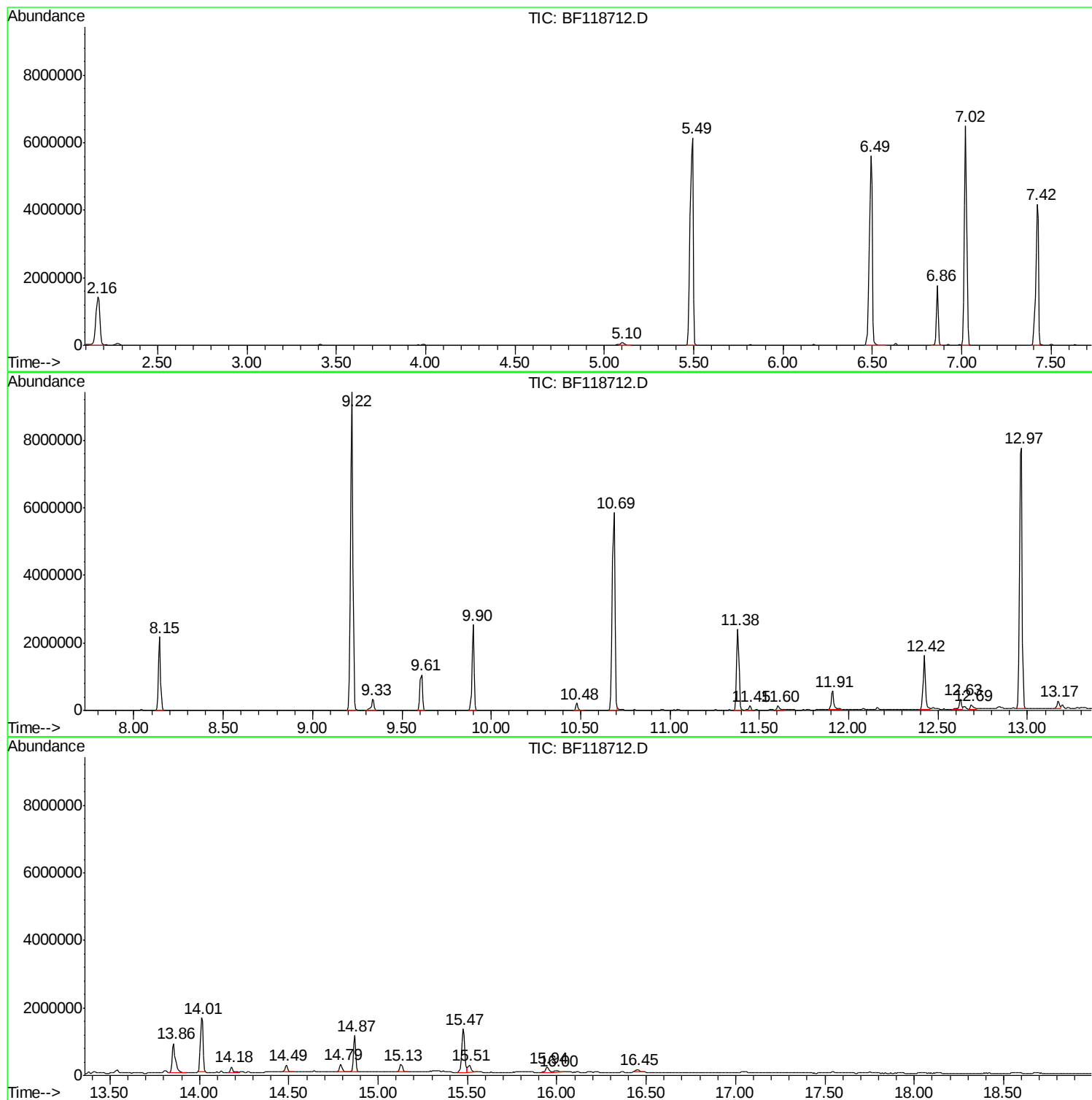
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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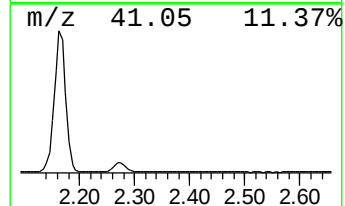
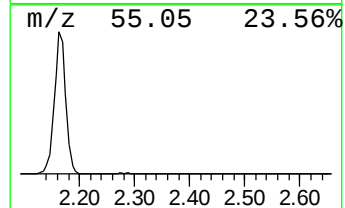
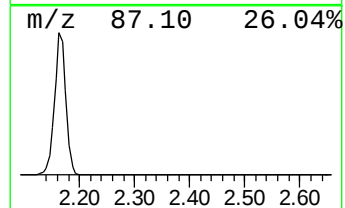
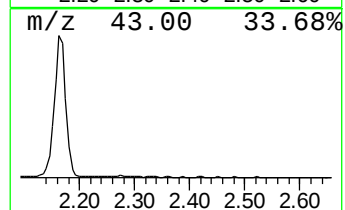
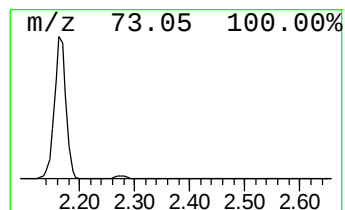
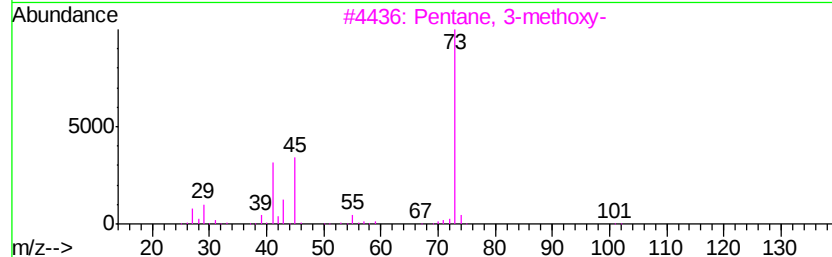
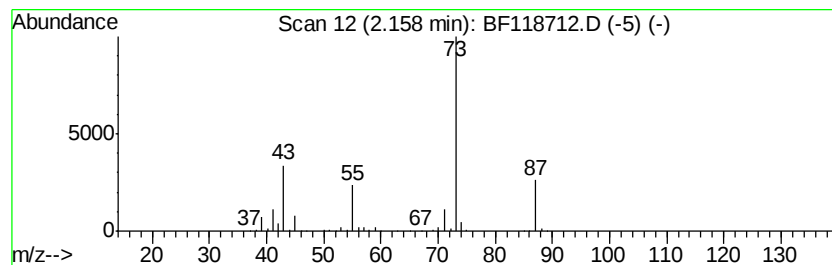
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	28.94 ng	2048670	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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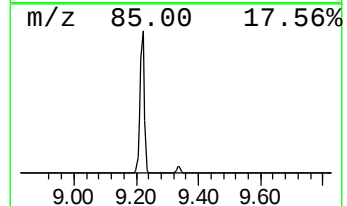
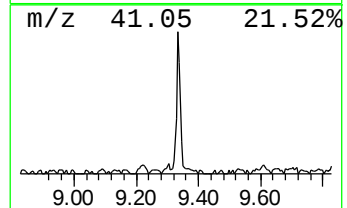
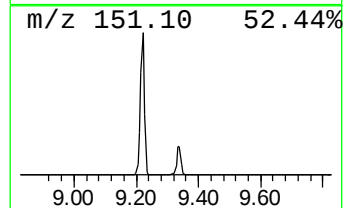
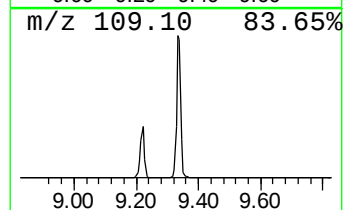
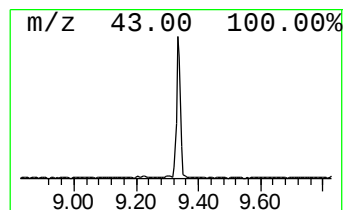
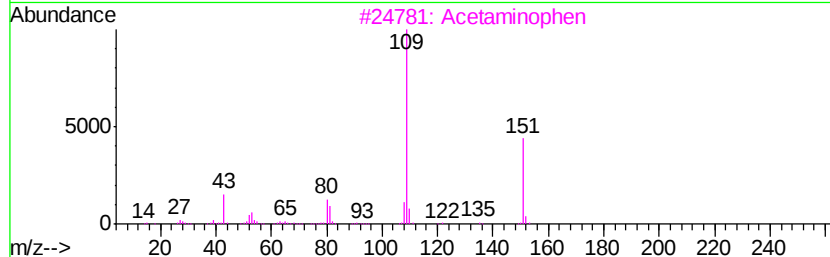
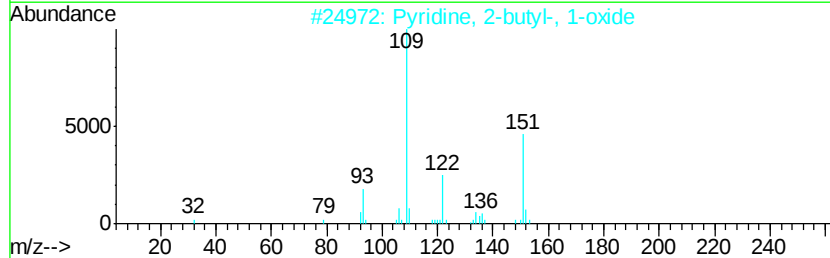
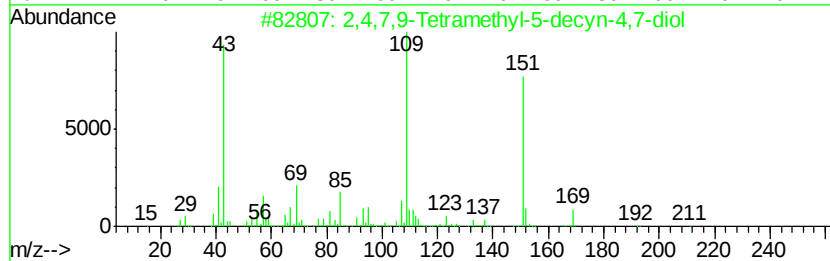
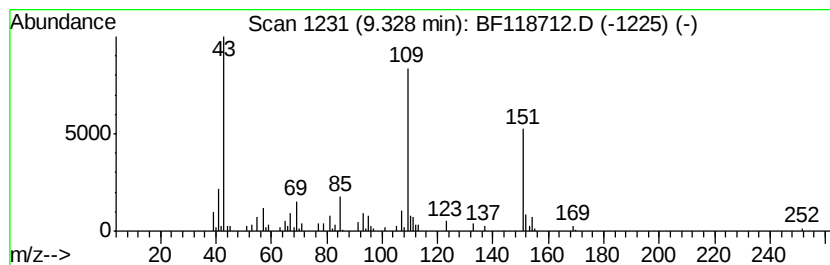
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	3.02 ng	323370	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Acetaminophen	151	C8H9NO2	000103-90-2	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	53



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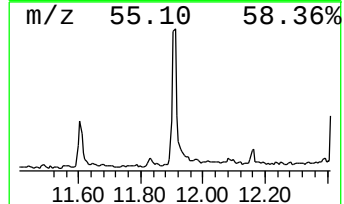
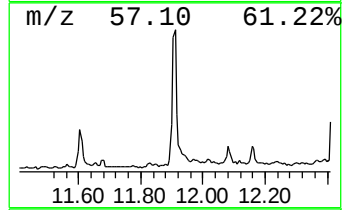
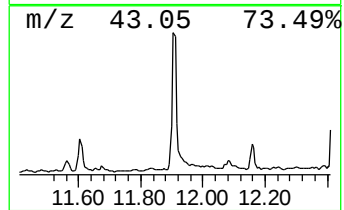
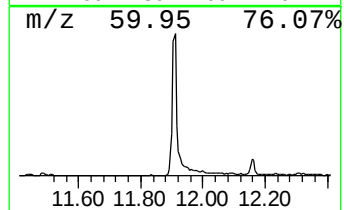
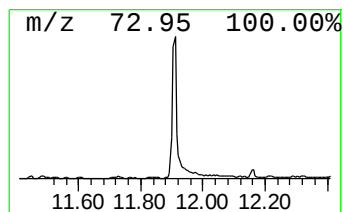
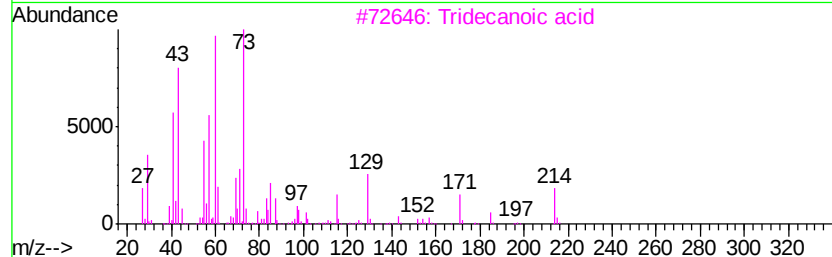
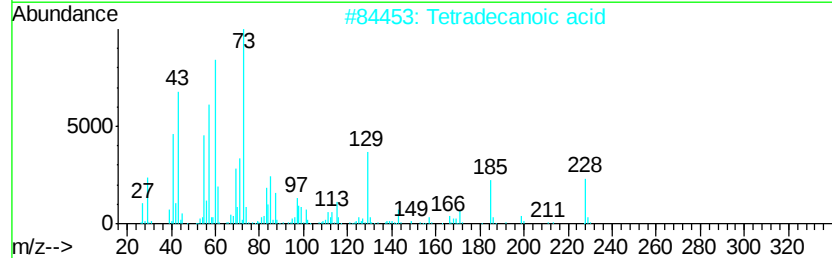
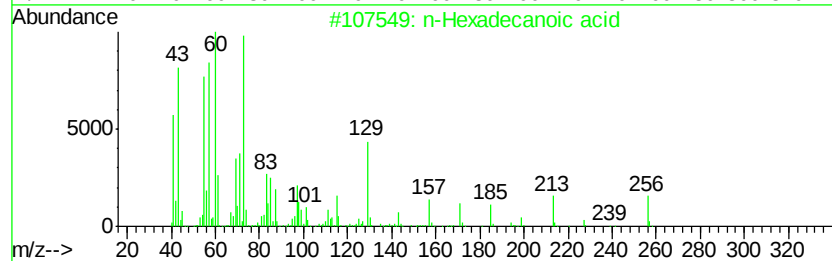
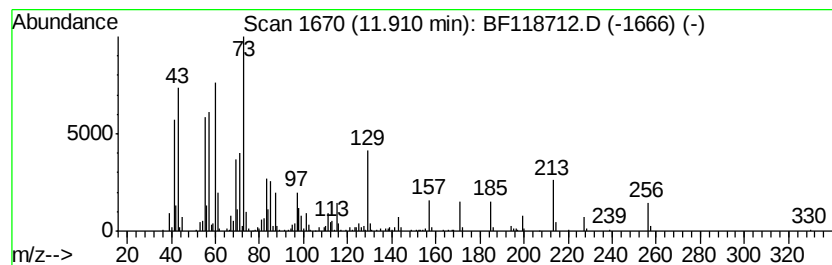
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.11 ng	607664	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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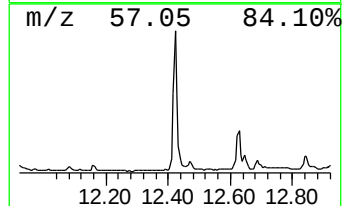
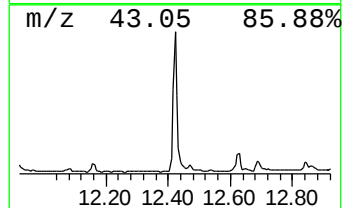
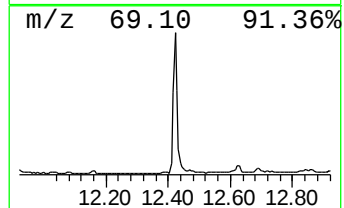
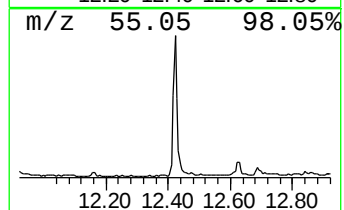
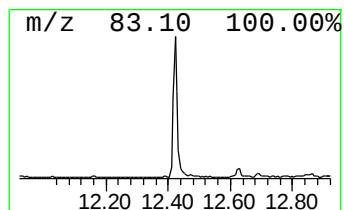
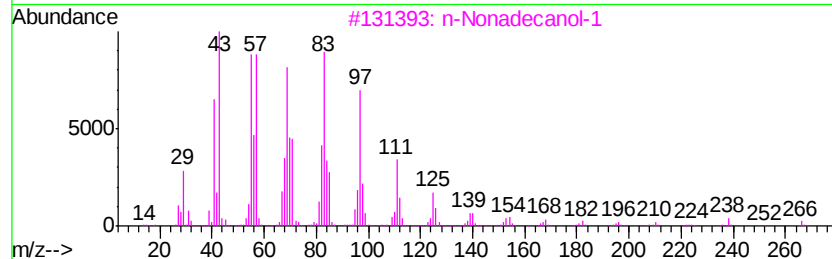
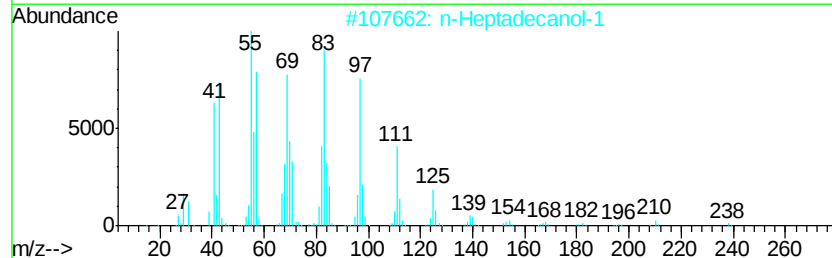
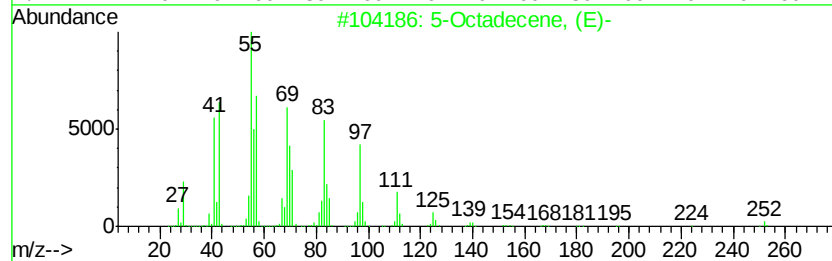
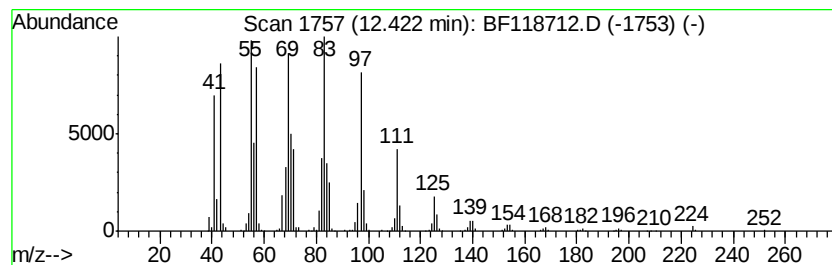
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.42	14.52 ng	1443260	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	99
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94
5	1-Octadecanol	270	C18H38O	000112-92-5	94



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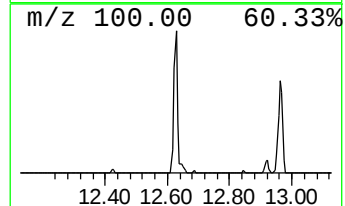
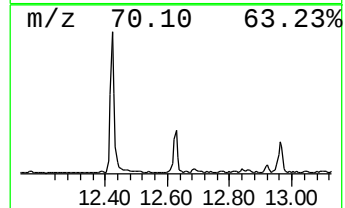
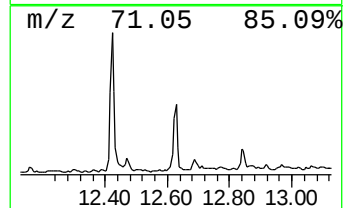
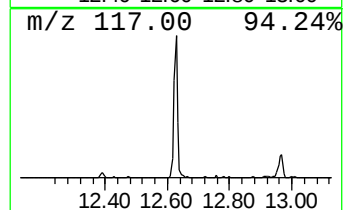
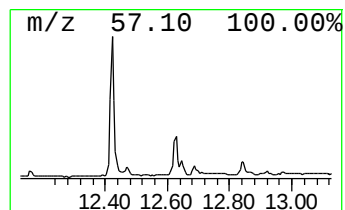
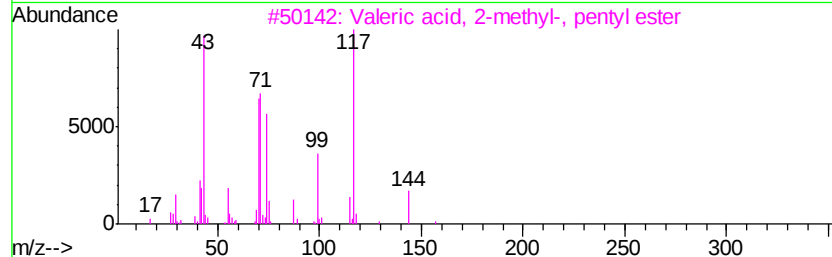
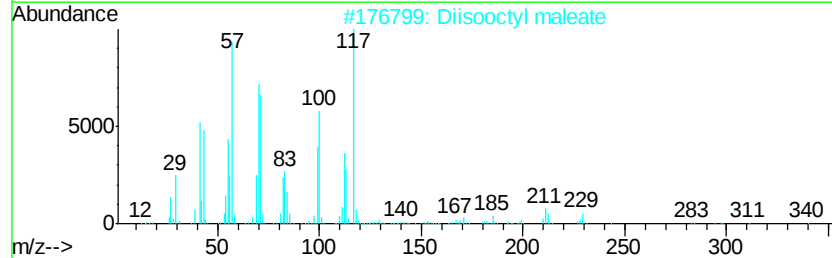
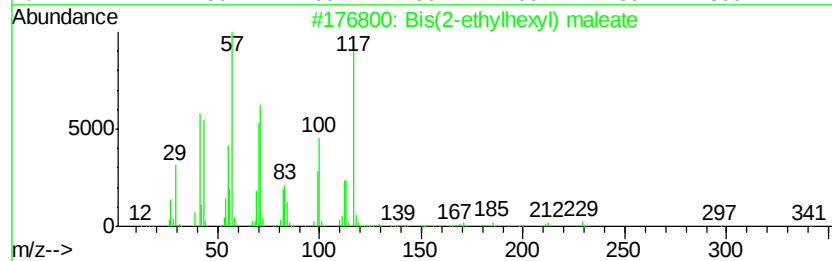
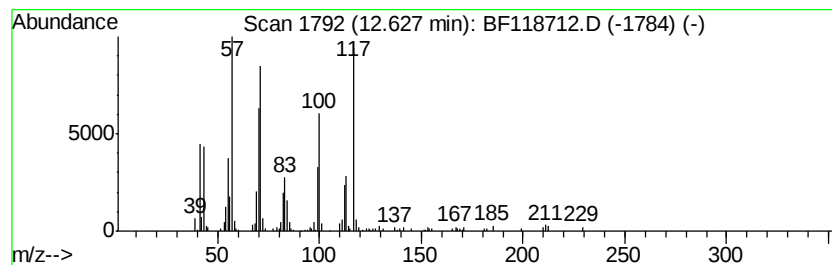
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Bis(2-ethylhexyl) maleate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.63	3.07 ng	305057	Phenanthrene-d10	11.38		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	91
2		Diisooctyl maleate	340	C20H36O4	001330-76-3	68
3		Valeric acid, 2-methyl-, pentyl ...	186	C11H22O2	006297-48-9	38
4		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	27
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	27



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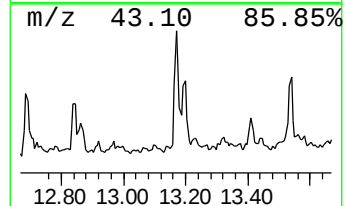
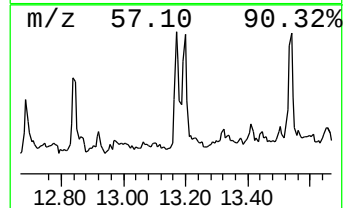
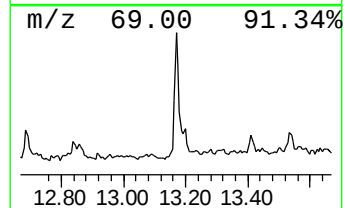
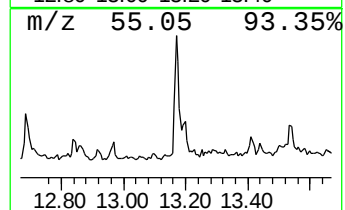
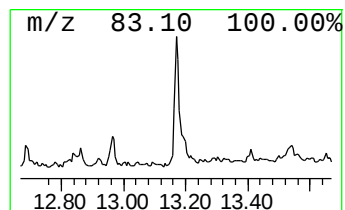
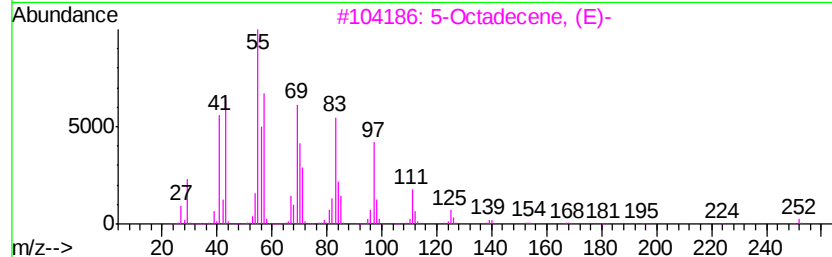
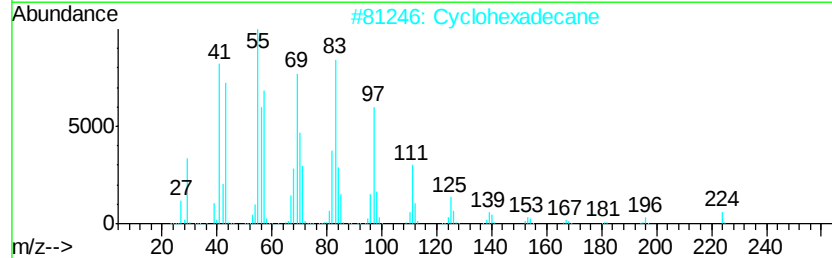
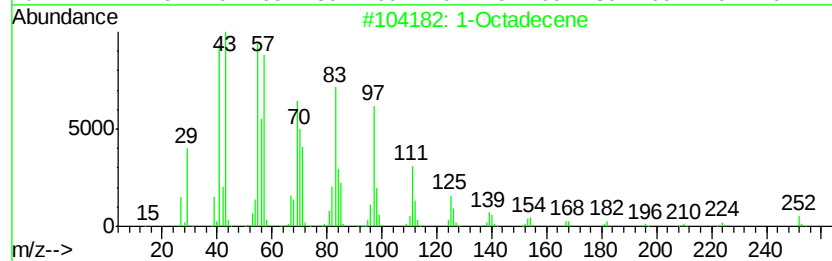
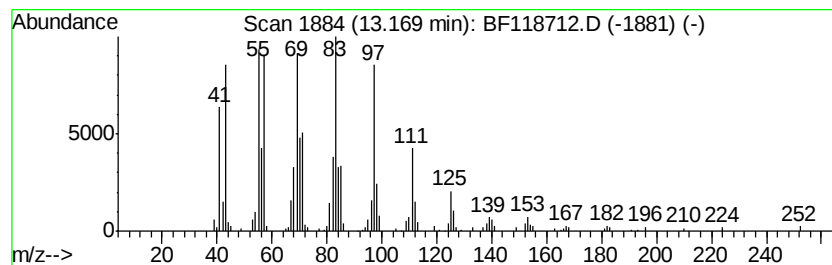
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.17 ng	243037	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	99
2		Cyclohexadecane	224	C16H32	000295-65-8	99
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	98
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5		1-Heneicosanol	312	C21H44O	015594-90-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118712.D
Acq On : 25 Jan 2020 5:53
Operator : CG/JU
Sample : L1241-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

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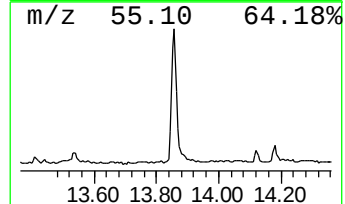
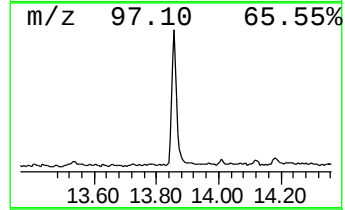
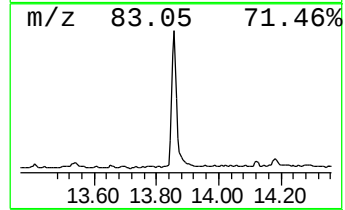
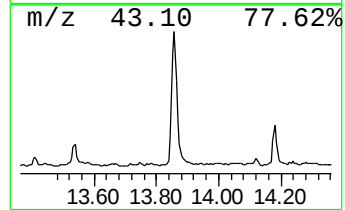
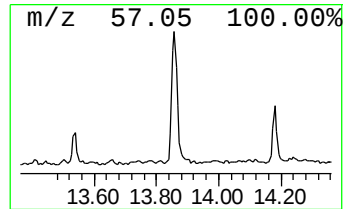
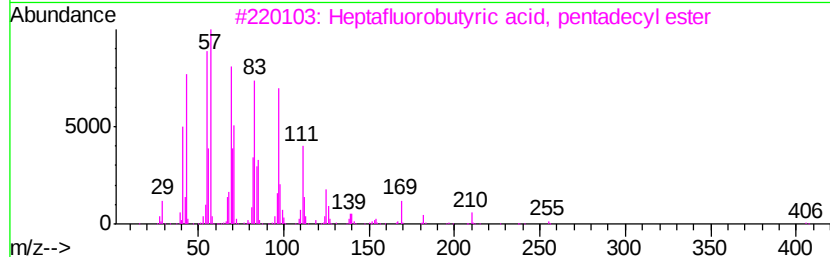
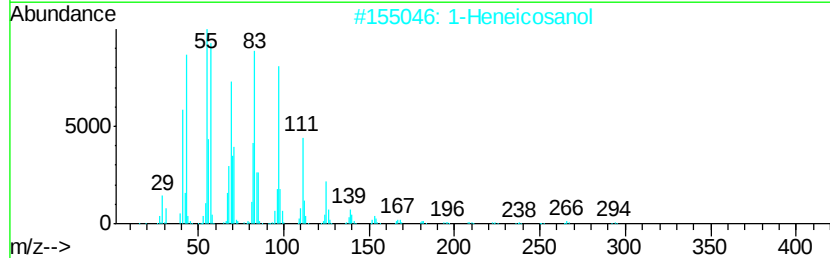
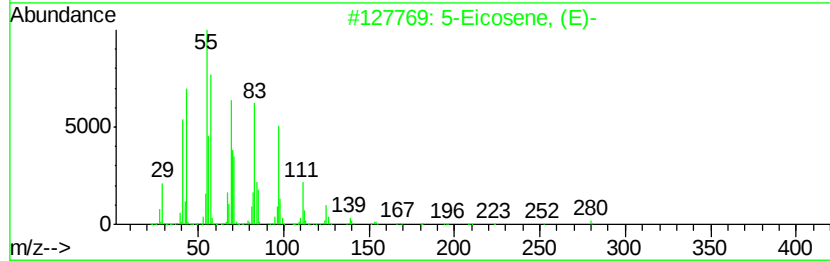
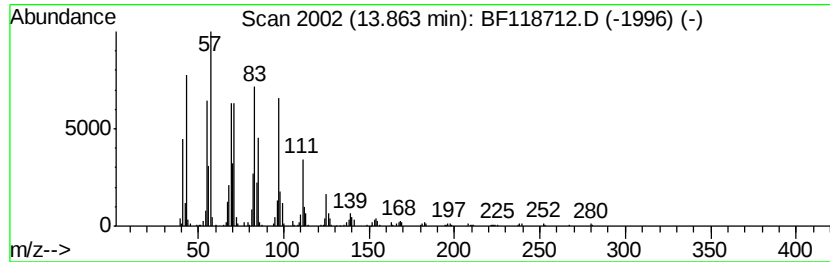
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	14.14 ng	1085020	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118712.D
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EP-16

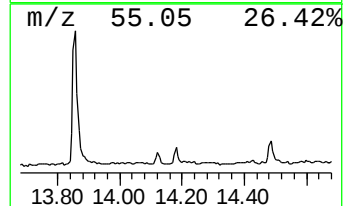
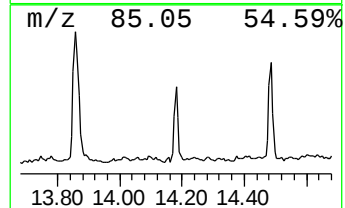
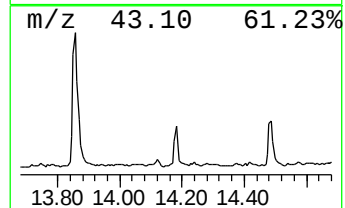
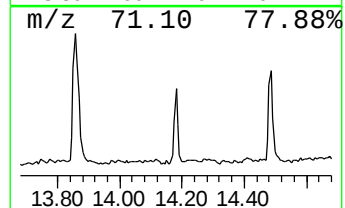
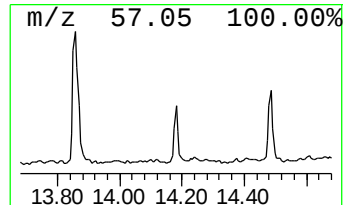
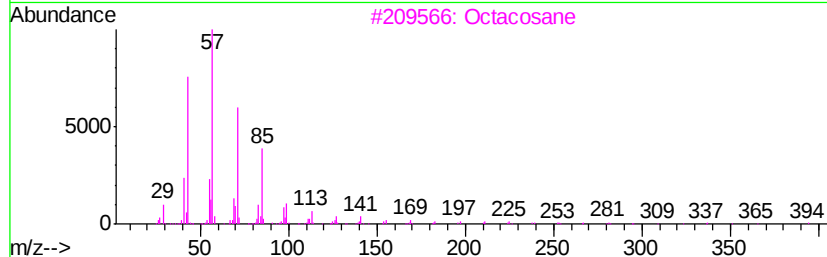
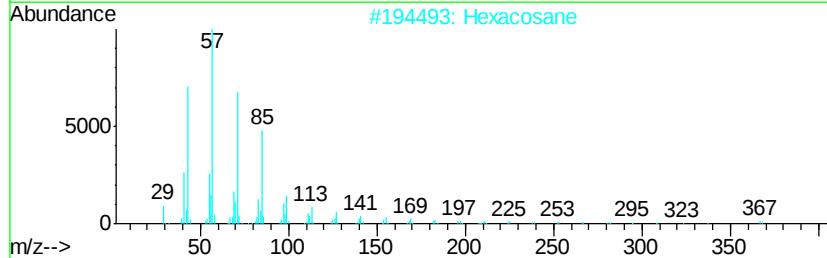
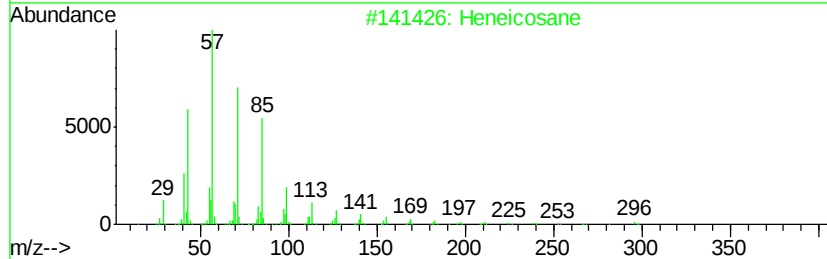
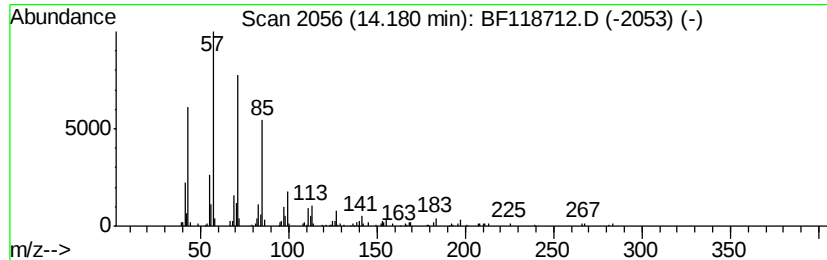
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.06 ng	157776	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
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Sample : L1241-10
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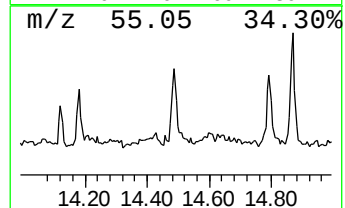
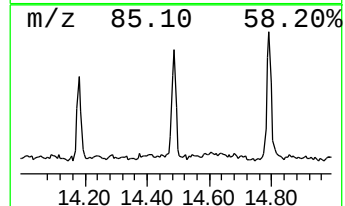
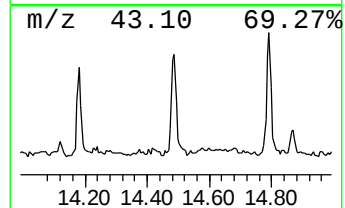
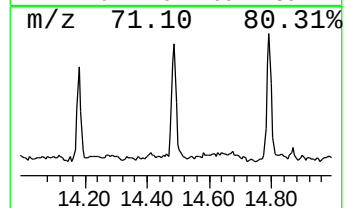
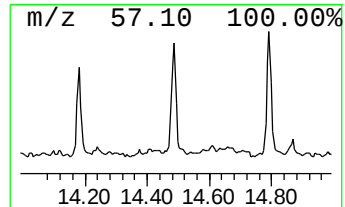
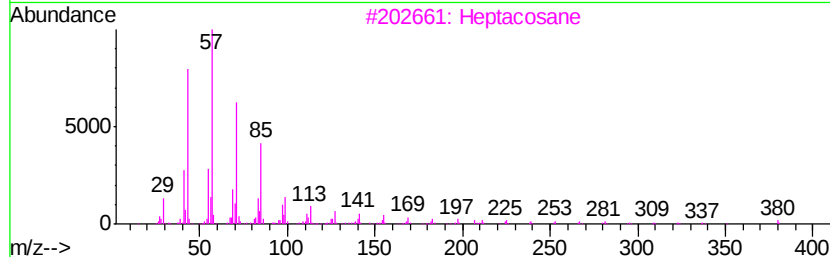
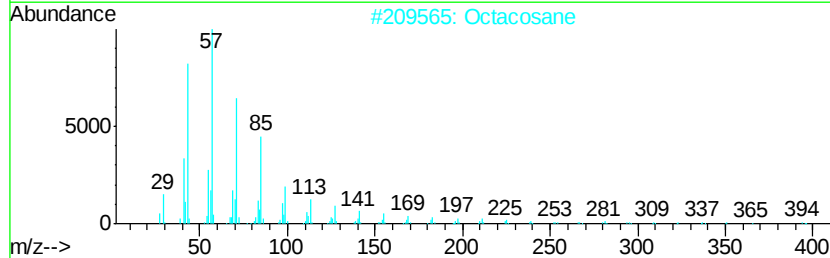
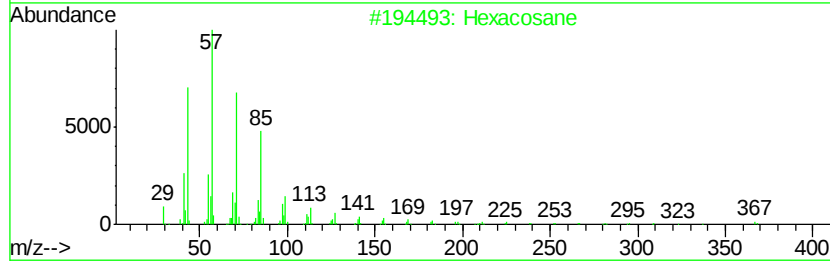
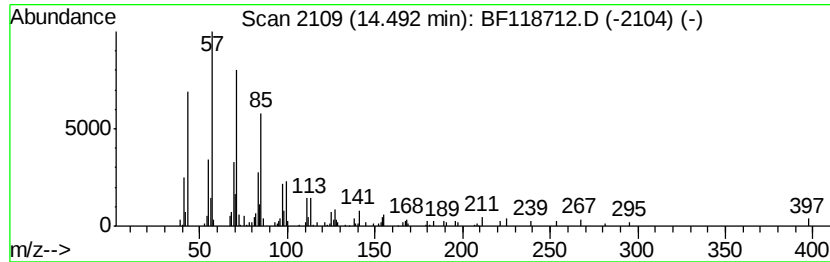
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.49	2.96 ng	226943	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
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ALS Vial : 30 Sample Multiplier: 1

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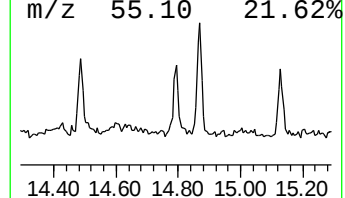
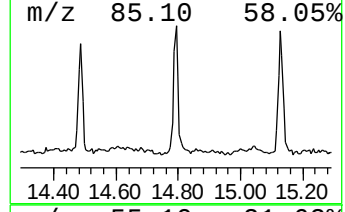
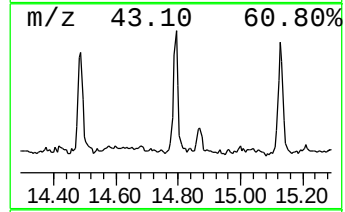
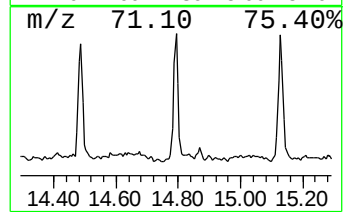
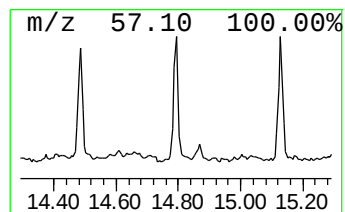
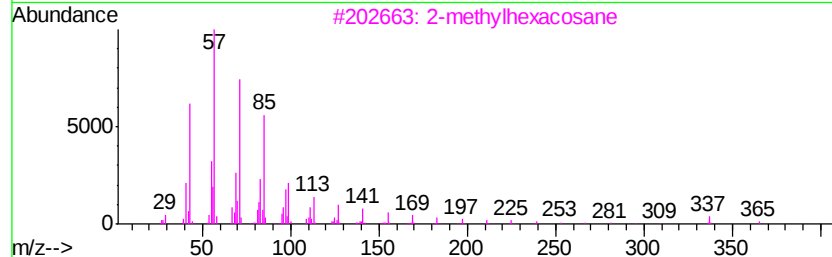
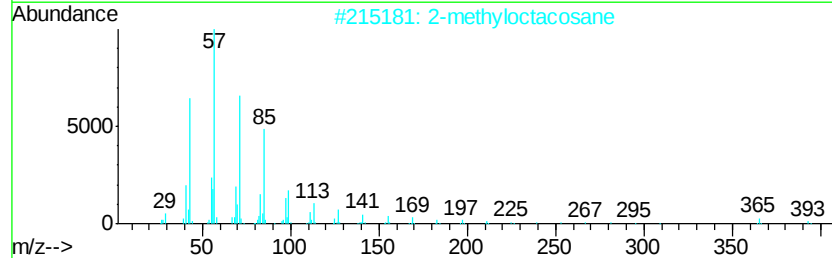
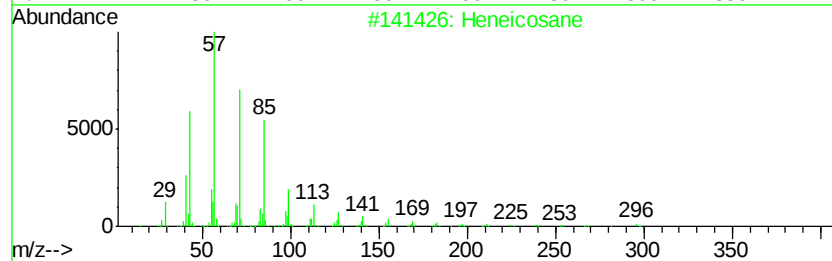
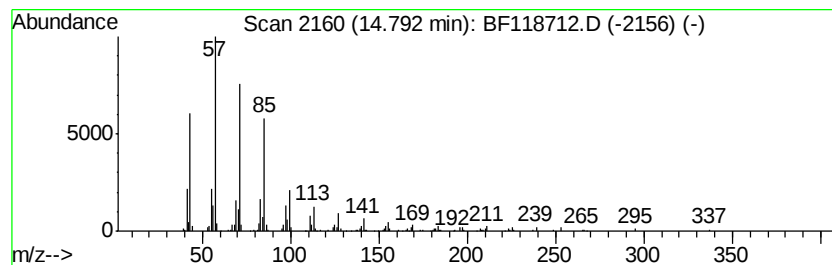
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.98 ng	245888	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		2-methylhexacosane	380	C27H56	1000376-72-7	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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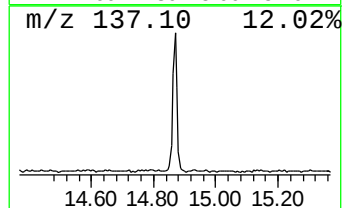
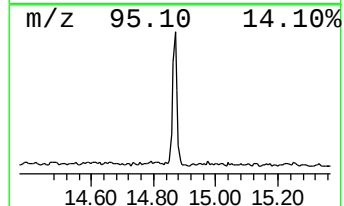
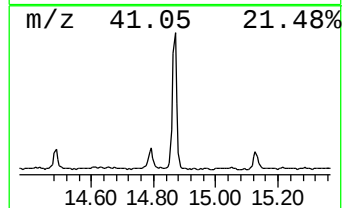
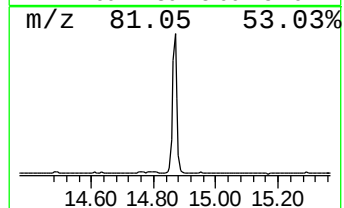
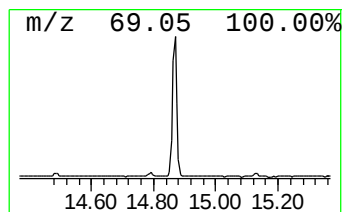
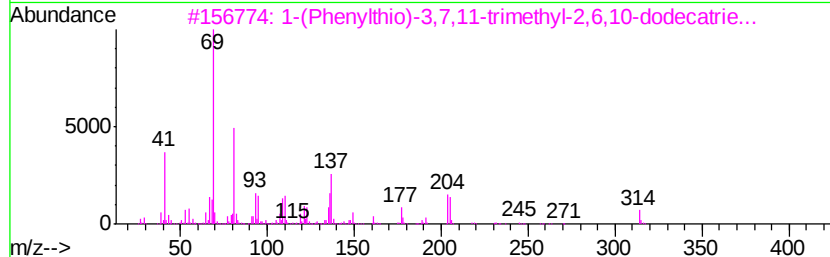
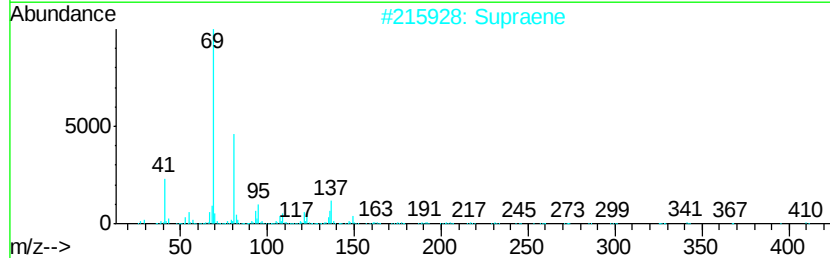
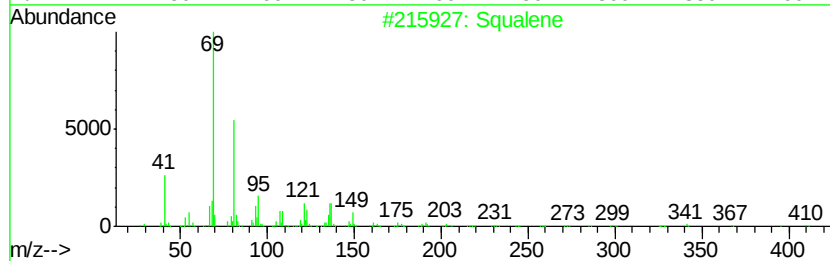
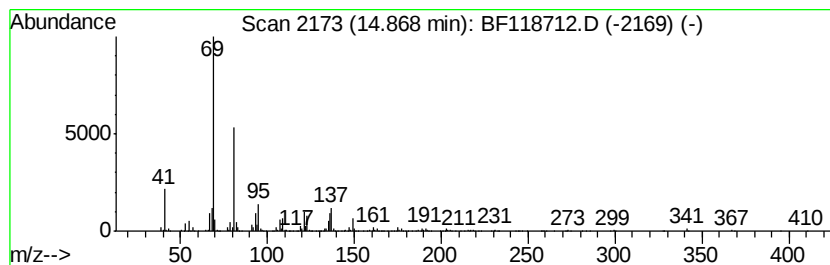
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	12.55 ng	1036150	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	96
2		Supraene	410	C30H50	007683-64-9	91
3		1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
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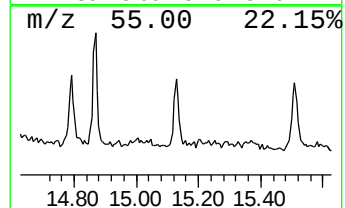
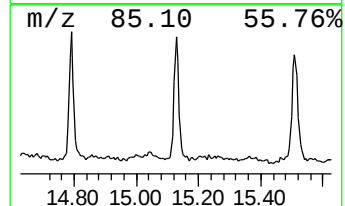
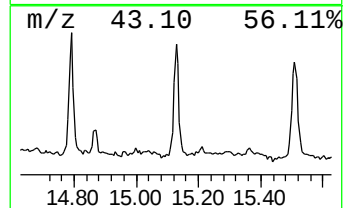
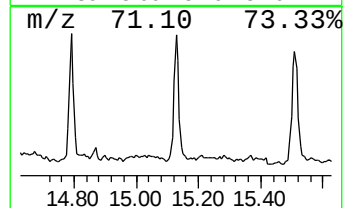
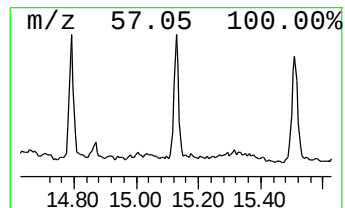
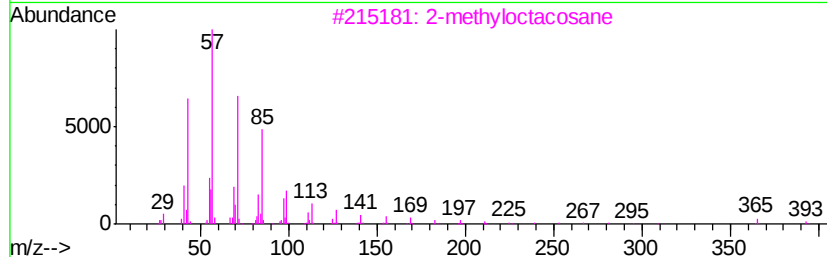
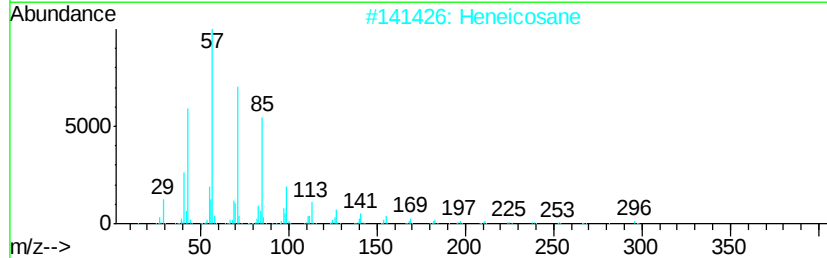
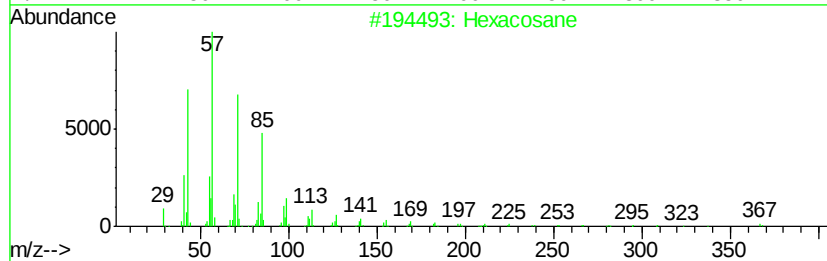
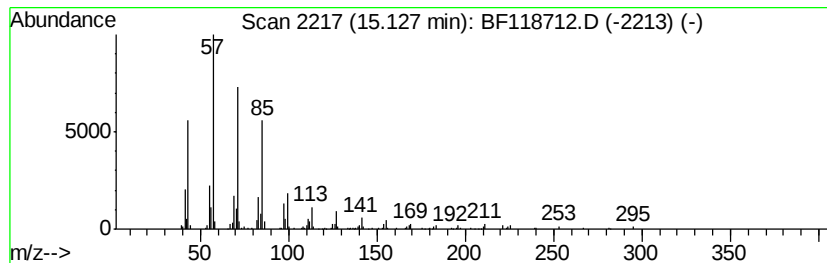
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Triacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.98 ng	245587	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118712.D
 Acq On : 25 Jan 2020 5:53
 Operator : CG/JU
 Sample : L1241-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-16

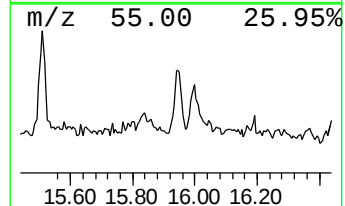
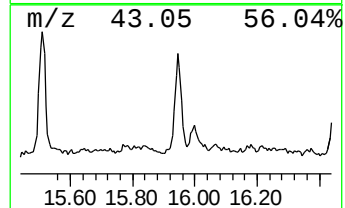
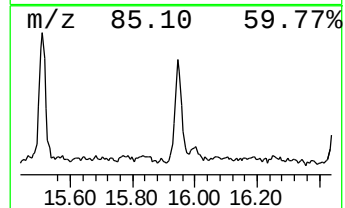
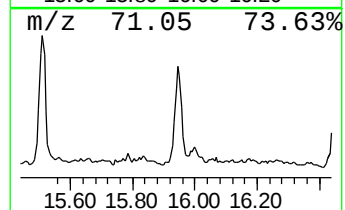
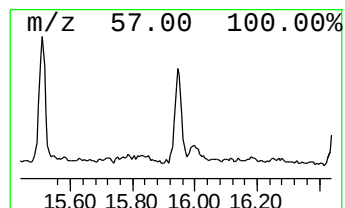
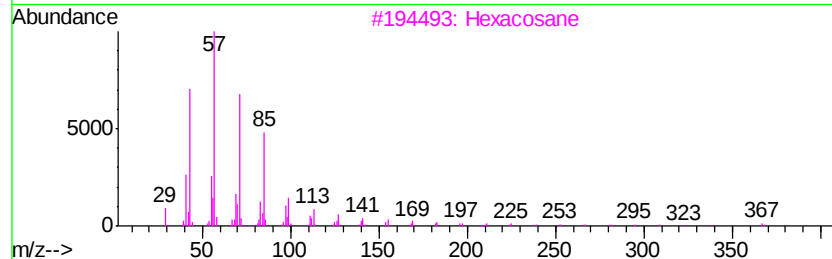
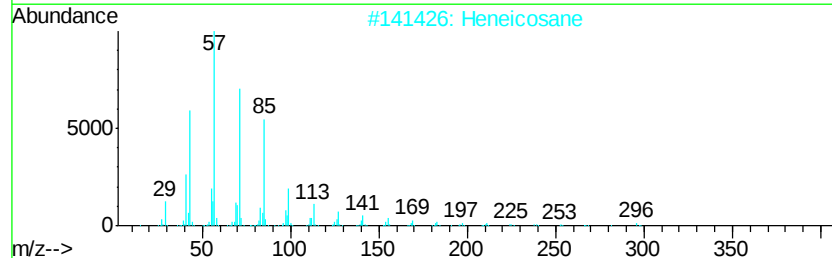
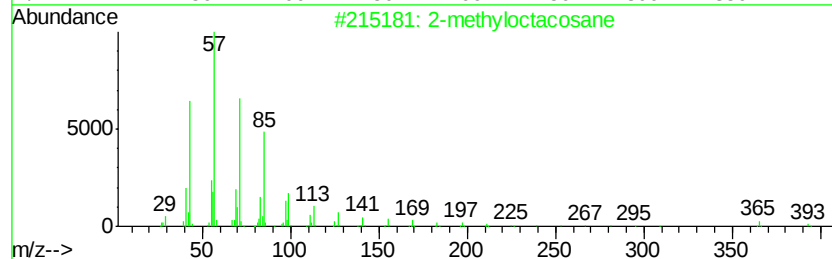
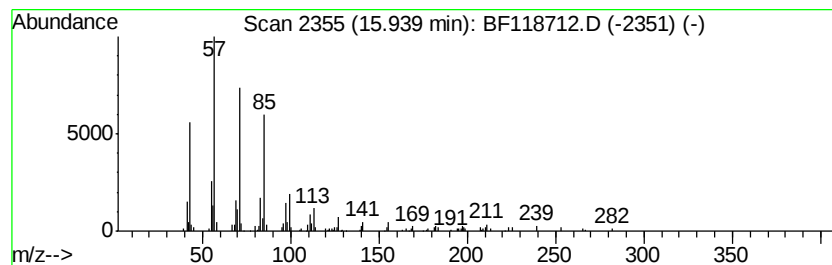
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.64 ng	217635	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		triacontane	422	C30H62	000638-68-6	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
 Data File : BF118712.D
 Acq On : 25 Jan 2020 5:53
 Operator : CG/JU
 Sample : L1241-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.16	28.9	ng	2048670	1	6.86	1415950	20.0
2,4,7,9-Tetrameth...	9.33	3.0	ng	323370	3	9.90	2141330	20.0
n-Hexadecanoic acid	11.91	6.1	ng	607664	4	11.38	1988420	20.0
5-Octadecene, (E)-	12.42	14.5	ng	1443260	4	11.38	1988420	20.0
Bis(2-ethylhexyl)...	12.63	3.1	ng	305057	4	11.38	1988420	20.0
1-Octadecene	13.17	3.2	ng	243037	5	14.01	1534980	20.0
5-Eicosene, (E)-	13.86	14.1	ng	1085020	5	14.01	1534980	20.0
Heneicosane	14.18	2.1	ng	157776	5	14.01	1534980	20.0
Hexacosane	14.49	3.0	ng	226943	5	14.01	1534980	20.0
2-methyloctacosane	14.79	3.0	ng	245888	6	15.47	1650950	20.0
Squalene	14.87	12.6	ng	1036150	6	15.47	1650950	20.0
Triacontane	15.13	3.0	ng	245587	6	15.47	1650950	20.0
Tetratetracontane	15.94	2.6	ng	217635	6	15.47	1650950	20.0