

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012120\
 Data File : BF118640.D
 Acq On : 21 Jan 2020 18:39
 Operator : CG/JU
 Sample : L1205-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-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	2.187	10	17	24	rVB	2171619	2999421	32.70%	4.014%
2	5.104	505	513	520	rVB2	122486	182901	1.99%	0.245%
3	5.504	575	581	584	rBV	6366626	6765968	73.76%	9.055%
4	6.504	745	751	754	rBV	6703971	7093172	77.33%	9.493%
5	6.881	811	815	818	rBV	2523707	2203259	24.02%	2.949%
6	7.039	837	842	845	rBV	6418875	6052016	65.98%	8.100%
7	7.434	904	909	912	rBV	4671178	4593558	50.08%	6.148%
8	8.157	1028	1032	1036	rBV	2999802	2818796	30.73%	3.773%
9	9.233	1210	1215	1219	rBV	9004990	9172866	100.00%	12.277%
10	9.351	1226	1235	1239	rBV2	216828	229377	2.50%	0.307%
11	9.627	1278	1282	1285	rBV	1021370	846926	9.23%	1.134%
12	9.916	1326	1331	1335	rBV	4056226	3387573	36.93%	4.534%
13	10.704	1460	1465	1468	rBV	6016140	5651056	61.61%	7.563%
14	10.798	1478	1481	1484	rBV	152331	124910	1.36%	0.167%
15	11.398	1579	1583	1587	rBV	3464056	3304085	36.02%	4.422%
16	11.469	1589	1595	1598	rVB3	106908	112570	1.23%	0.151%
17	11.921	1666	1672	1683	rBV2	348703	454949	4.96%	0.609%
18	12.710	1803	1806	1814	rBV	121611	150182	1.64%	0.201%
19	12.986	1848	1853	1856	rBV	9711007	8928759	97.34%	11.950%
20	13.874	2001	2004	2022	rBV	1320722	1421834	15.50%	1.903%
21	14.033	2027	2031	2035	rBV	2542163	2231609	24.33%	2.987%
22	14.204	2056	2060	2066	rBV	230618	229636	2.50%	0.307%
23	14.510	2108	2112	2119	rBV	420100	450961	4.92%	0.604%
24	14.821	2161	2165	2172	rBV	539219	571310	6.23%	0.765%
25	15.162	2218	2223	2230	rBV	564338	701803	7.65%	0.939%
26	15.509	2276	2282	2285	rBV	1767092	2102347	22.92%	2.814%
27	15.551	2285	2289	2297	rVB	497682	723944	7.89%	0.969%
28	15.992	2358	2364	2368	rBV	398223	614329	6.70%	0.822%
29	16.039	2368	2372	2381	rVB2	111220	205261	2.24%	0.275%
30	16.503	2445	2451	2464	rBV	186731	392205	4.28%	0.525%

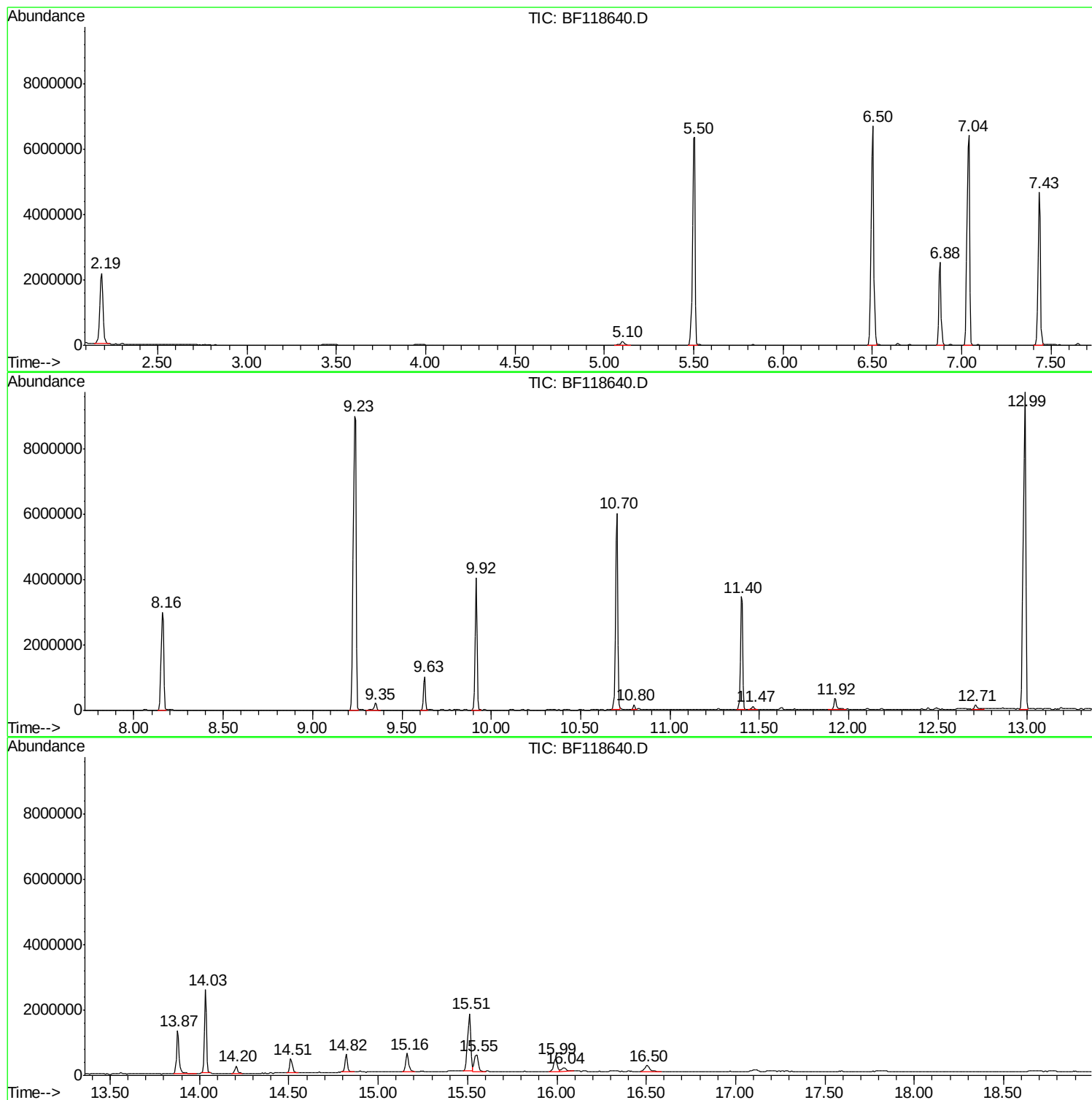
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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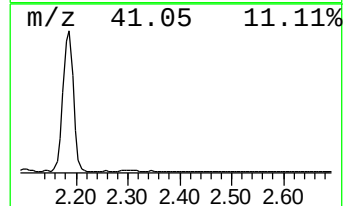
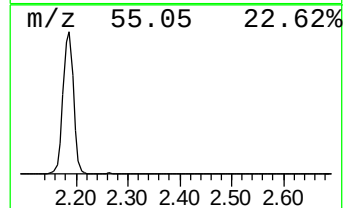
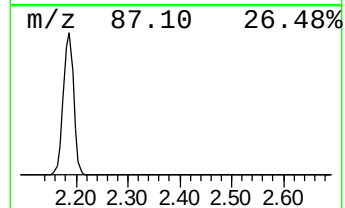
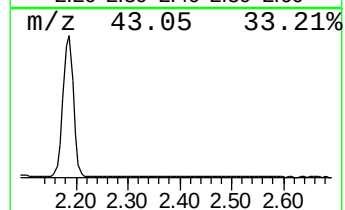
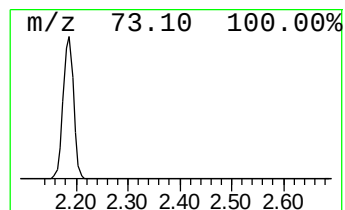
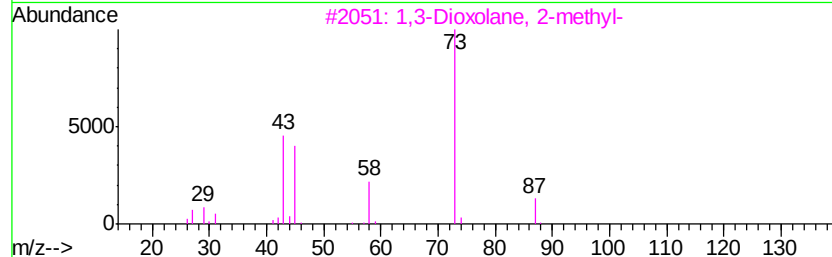
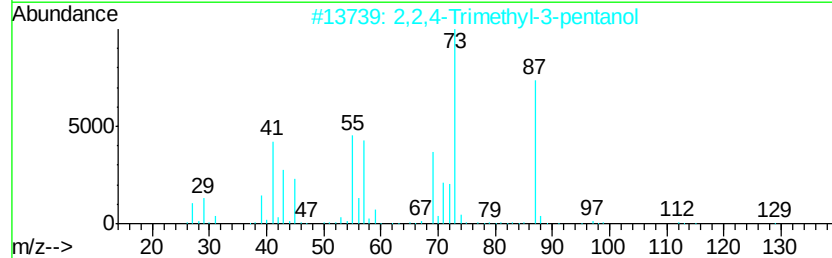
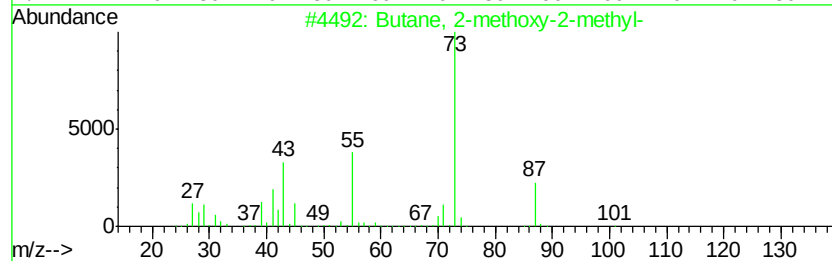
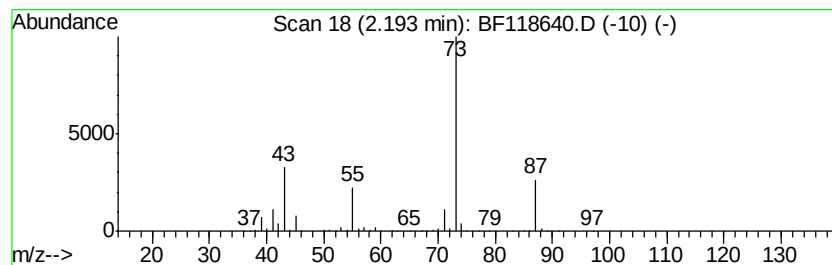
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	27.23 ng	2999420	1,4-Dichlorobenzene-d4	6.88

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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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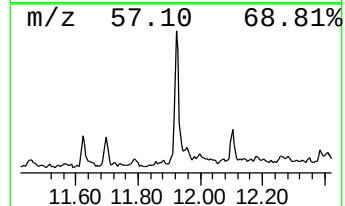
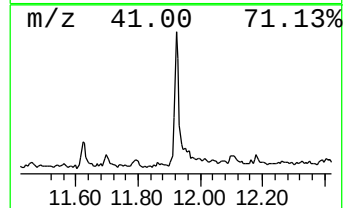
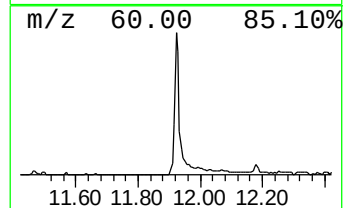
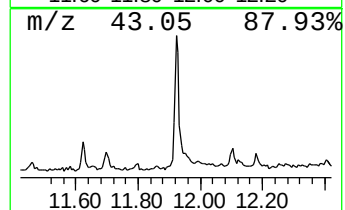
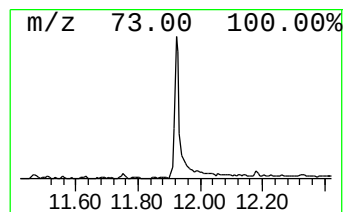
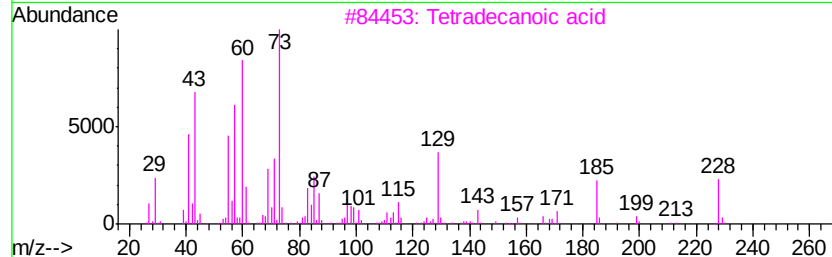
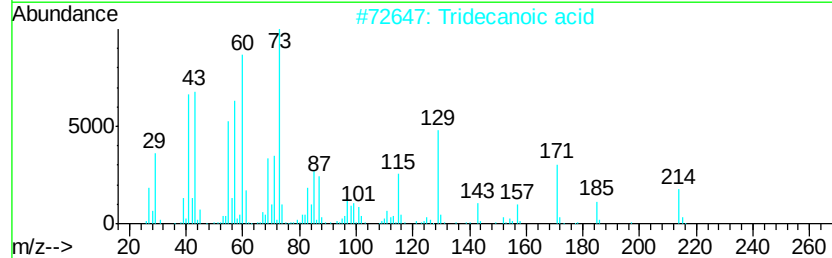
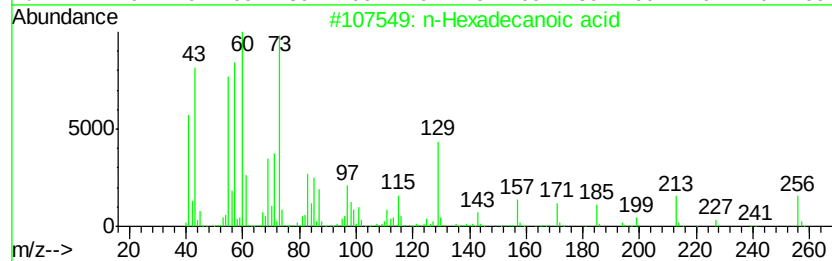
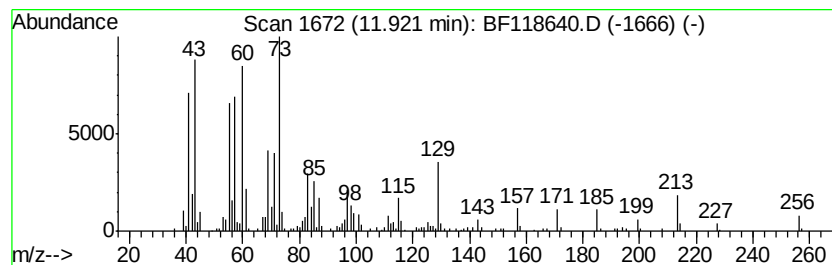
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.92	2.75 ng	454949	Phenanthrene-d10		11.40
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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Nonanoic acid	158	C9H18O2	000112-05-0	43



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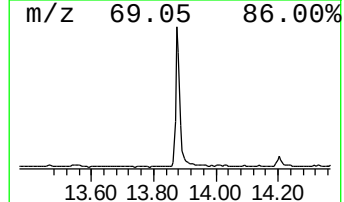
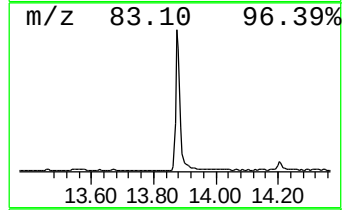
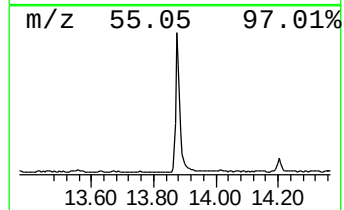
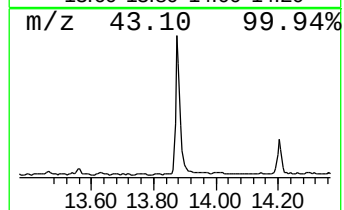
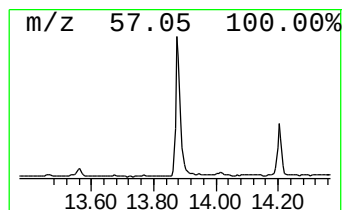
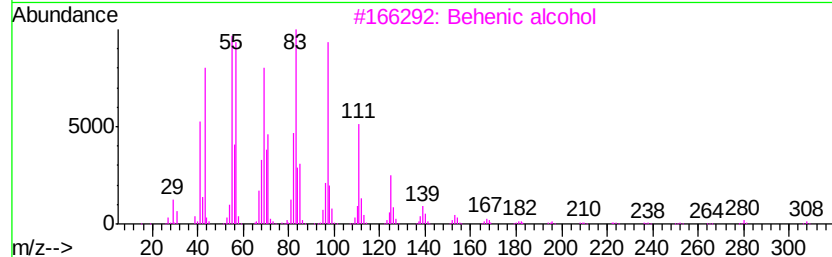
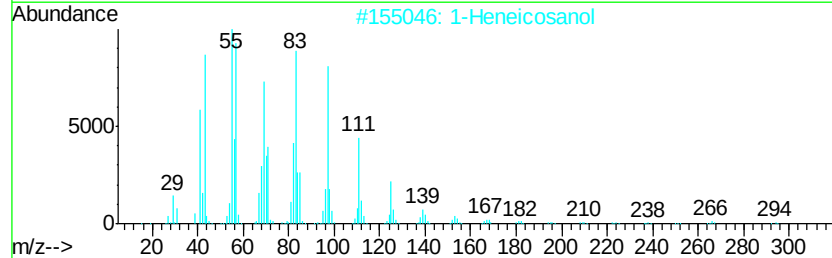
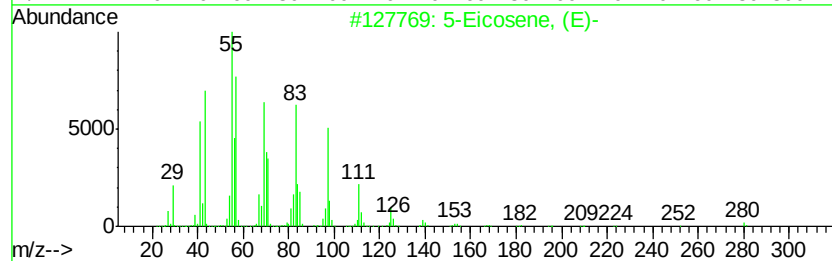
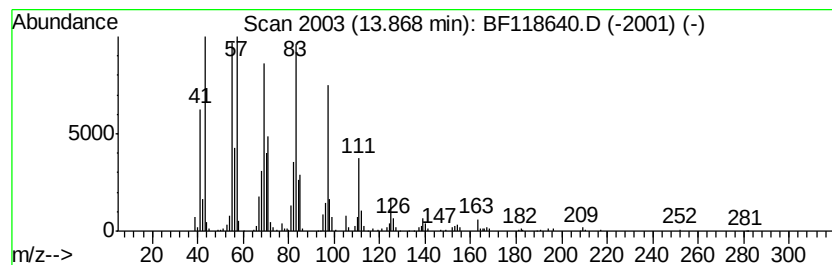
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 Peak Number 4 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	12.74 ng	1421830	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	93



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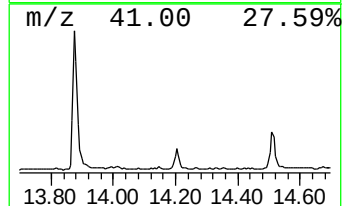
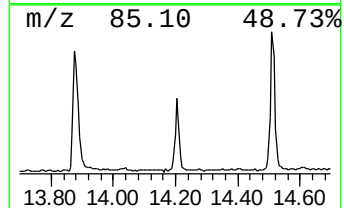
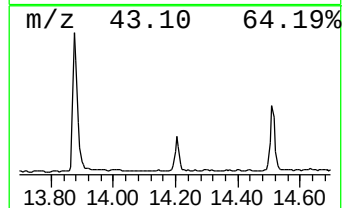
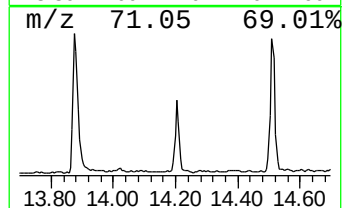
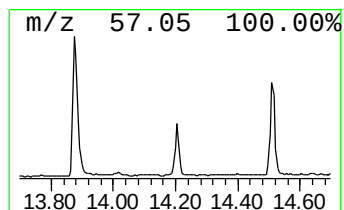
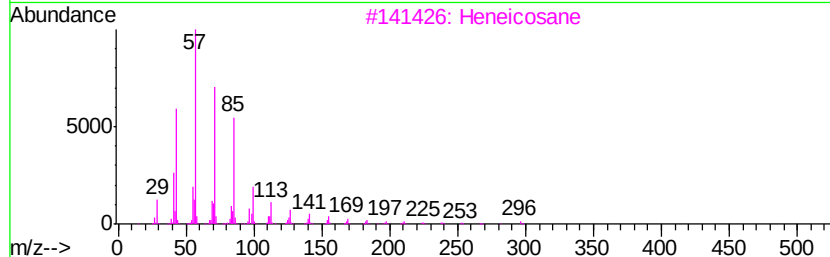
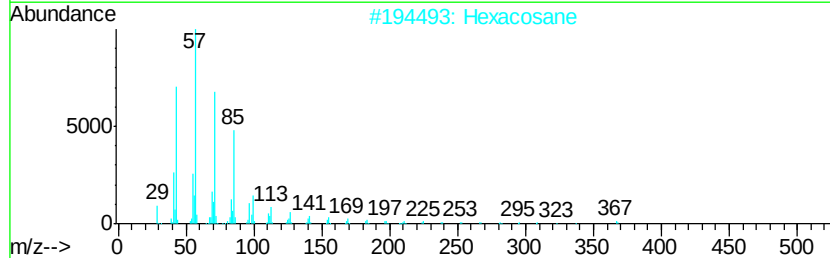
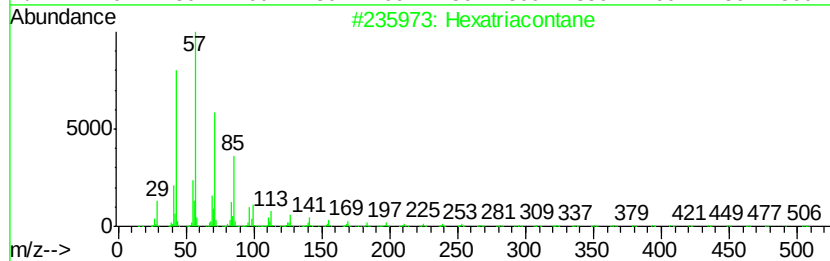
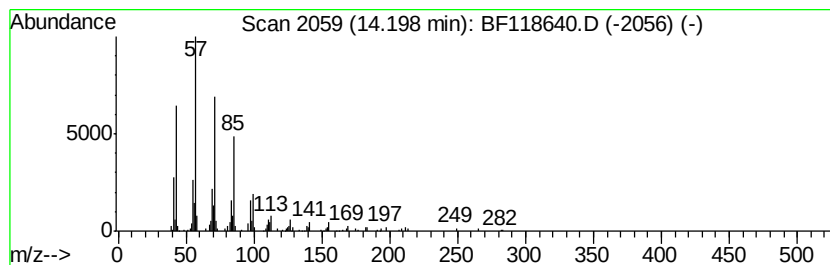
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexatriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.06 ng	229636	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Octacosane	394	C28H58	000630-02-4	91



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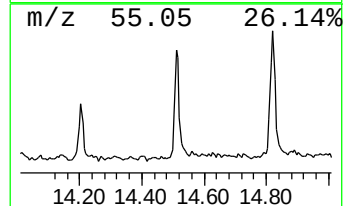
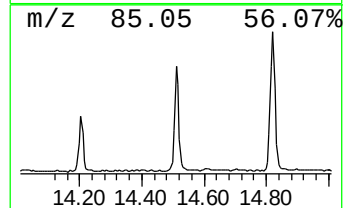
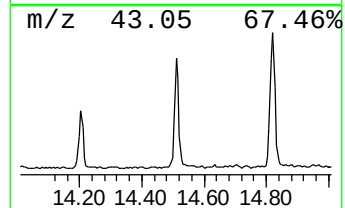
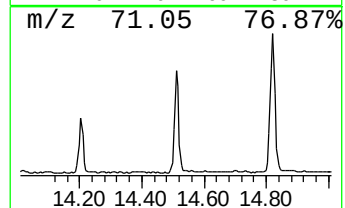
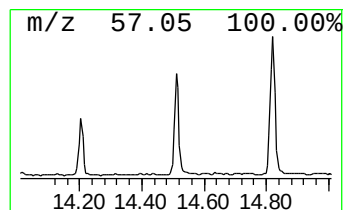
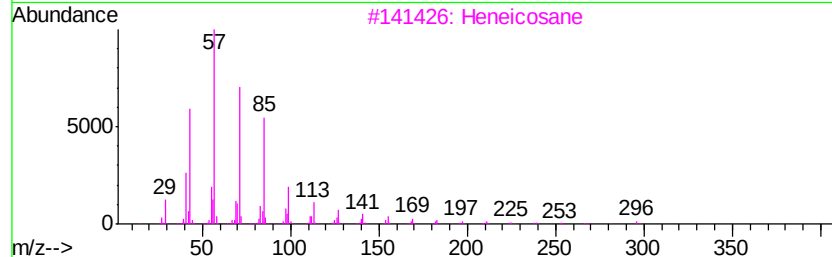
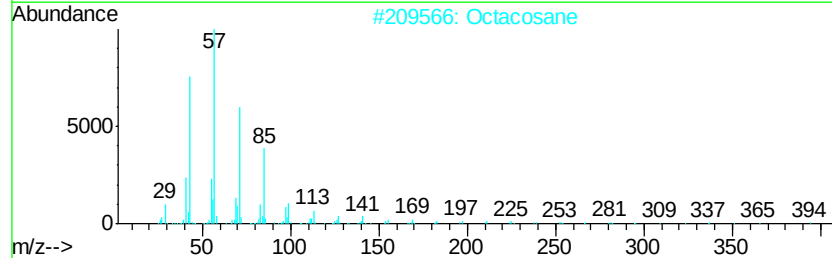
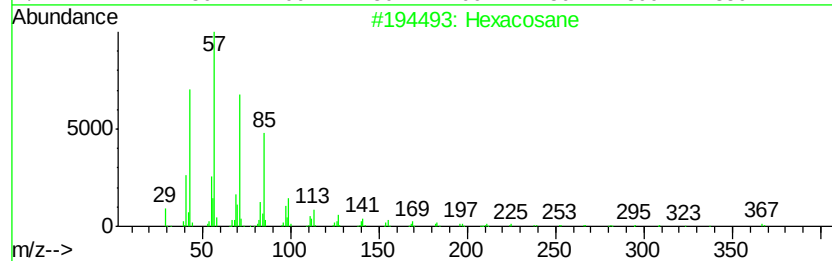
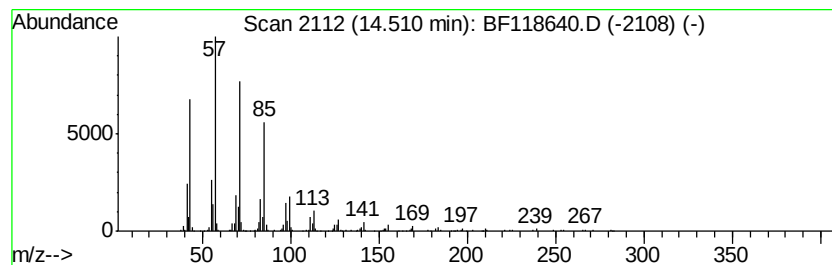
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Peak Number 6 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.51	4.04 ng	450961	Chrysene-d12		14.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90



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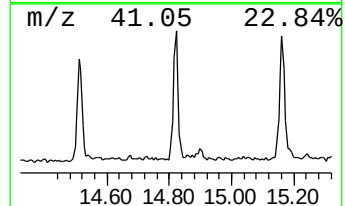
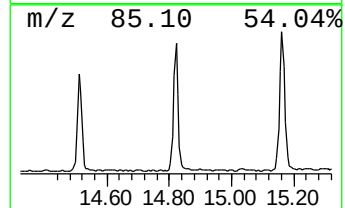
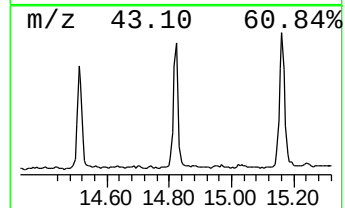
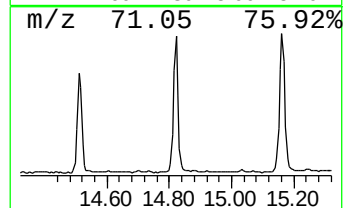
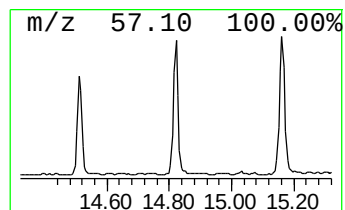
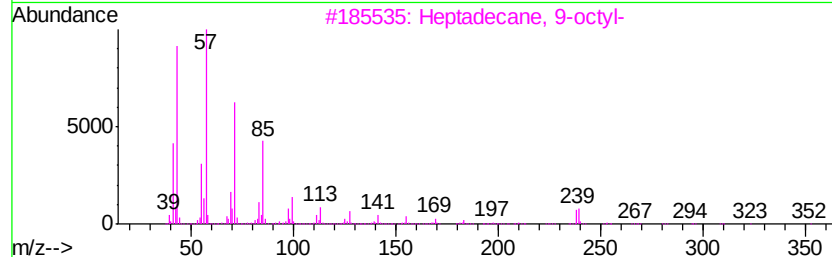
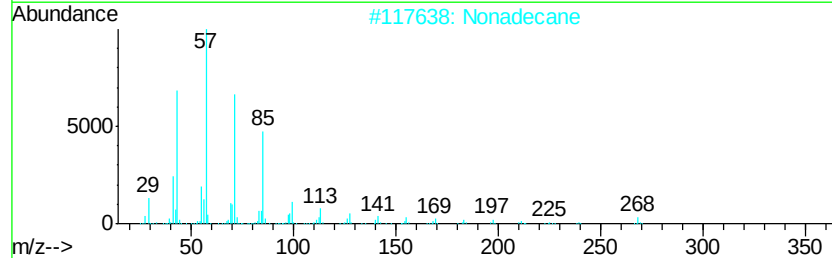
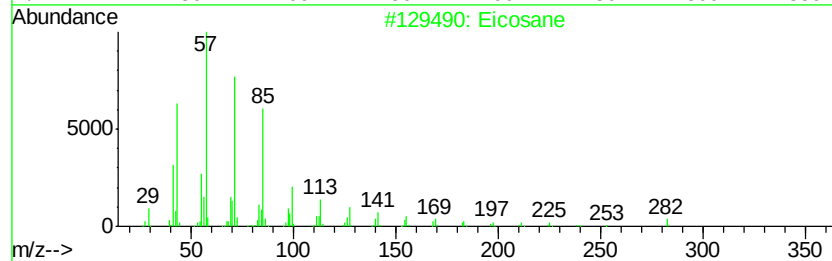
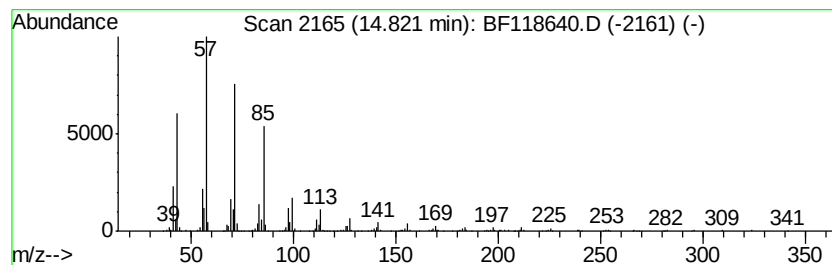
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.43 ng	571310	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	97
2	Nonadecane		268	C19H40	000629-92-5	94
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
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Sample : L1205-13
Misc :
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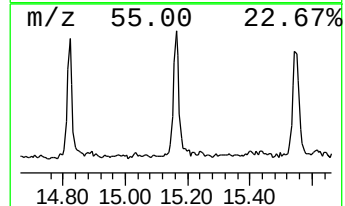
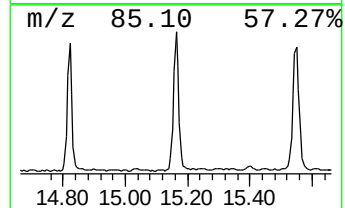
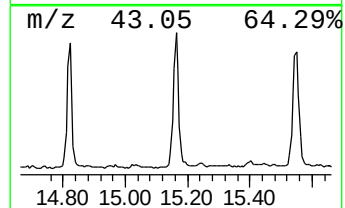
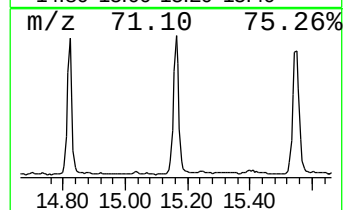
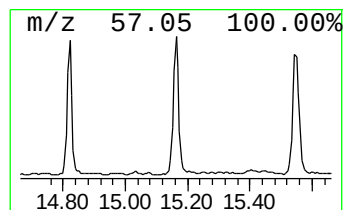
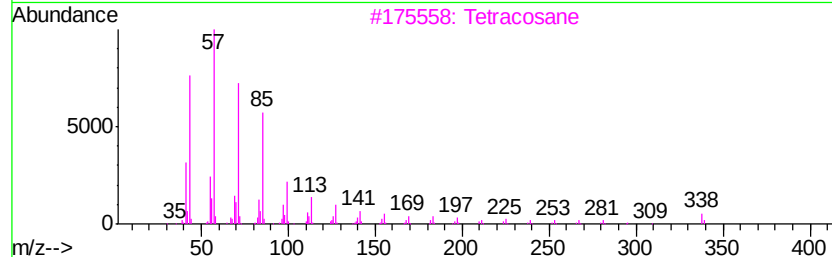
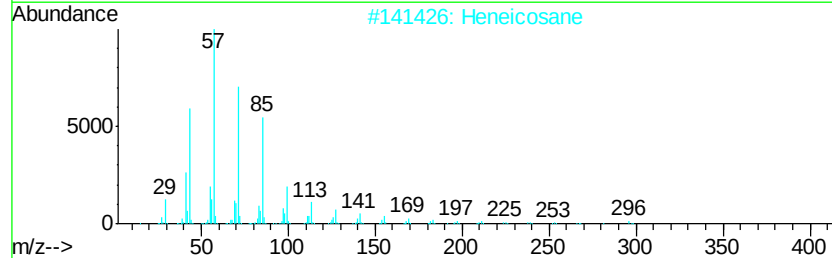
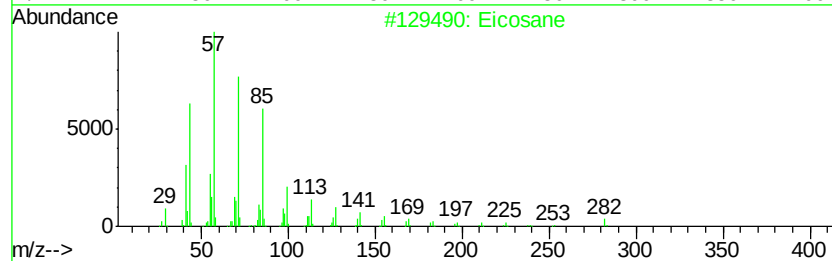
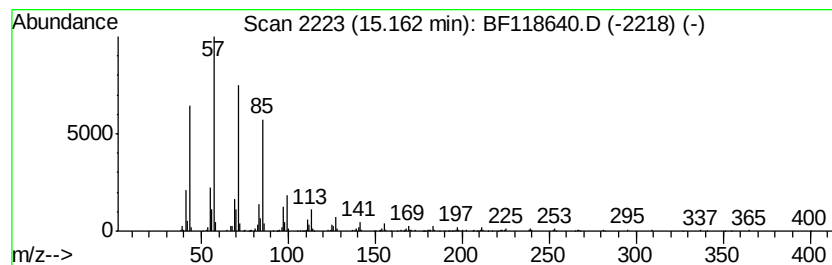
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EP-4

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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 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.16	6.68 ng	701803	Perylene-d12		15.51
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118640.D
Acq On : 21 Jan 2020 18:39
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Sample : L1205-13
Misc :
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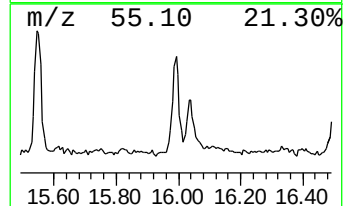
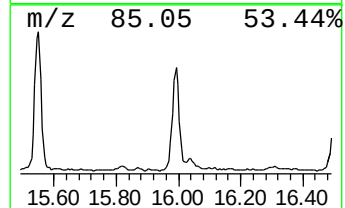
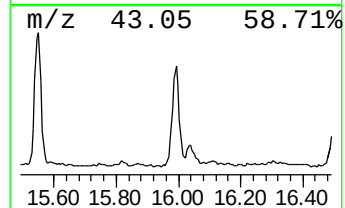
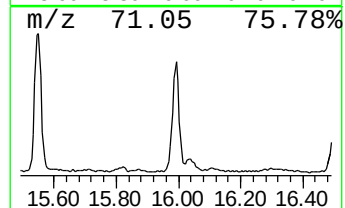
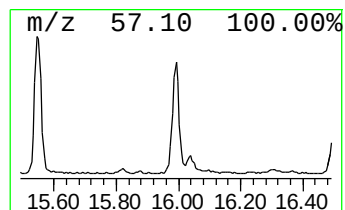
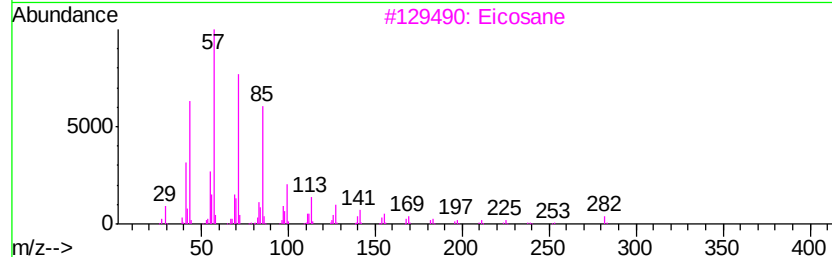
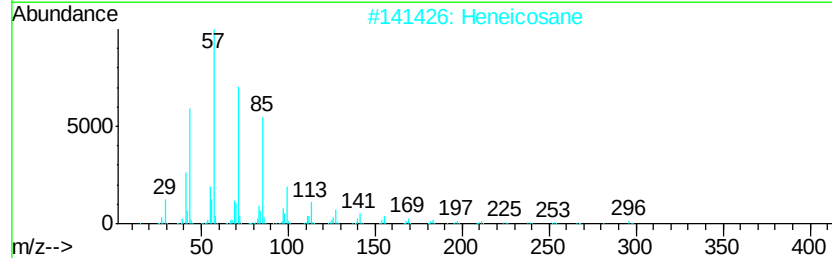
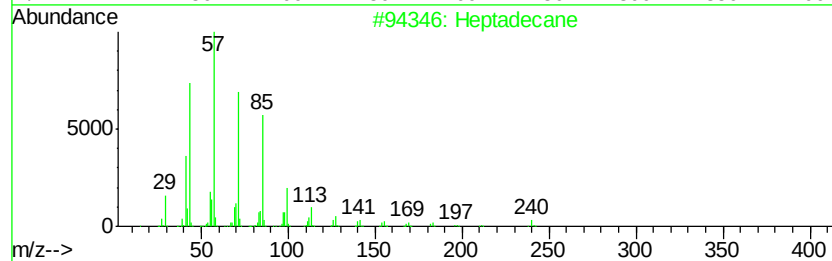
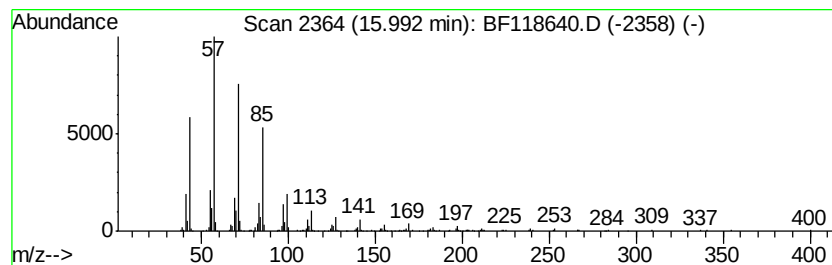
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.99	5.84 ng	614329	Perylene-d12		15.51
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118640.D
Acq On : 21 Jan 2020 18:39
Operator : CG/JU
Sample : L1205-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-4

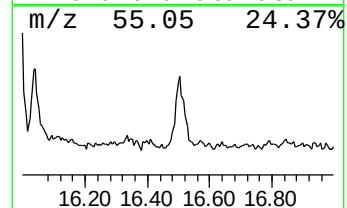
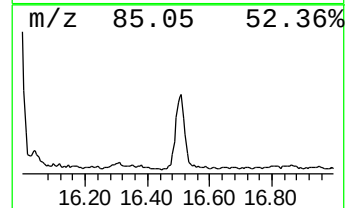
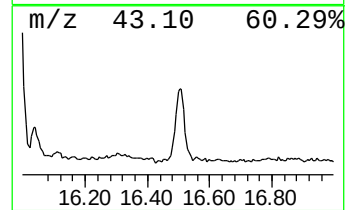
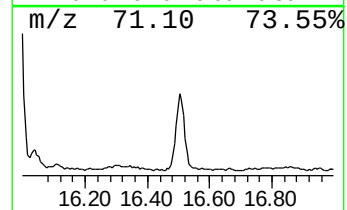
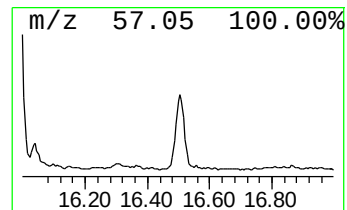
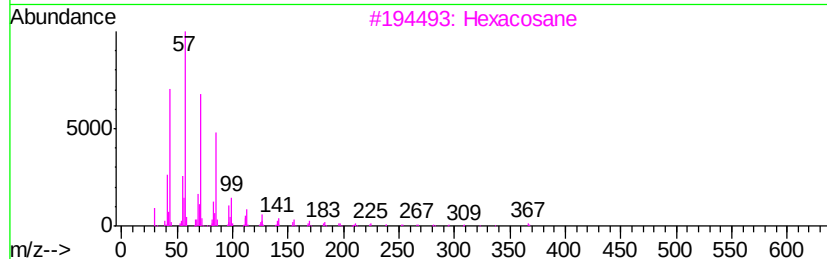
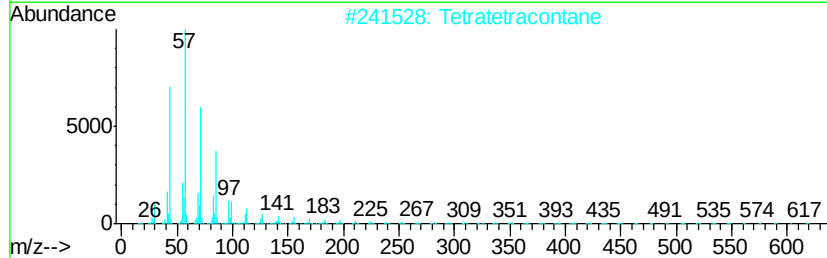
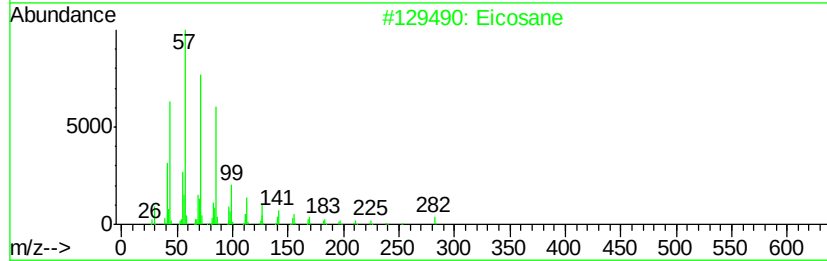
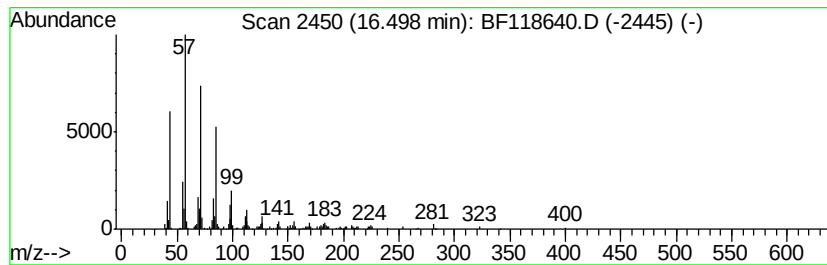
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.73 ng	392205	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012120\
Data File : BF118640.D
Acq On : 21 Jan 2020 18:39
Operator : CG/JU
Sample : L1205-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-4

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...	2.19	27.2	ng	2999420	1	6.88	2203260	20.0
n-Hexadecanoic acid	11.92	2.8	ng	454949	4	11.40	3304090	20.0
5-Eicosene, (E)-	13.87	12.7	ng	1421830	5	14.03	2231610	20.0
Hexatriacontane	14.20	2.1	ng	229636	5	14.03	2231610	20.0
Hexacosane	14.51	4.0	ng	450961	5	14.03	2231610	20.0
Eicosane	14.82	5.4	ng	571310	6	15.51	2102350	20.0
Tetracosane	15.16	6.7	ng	701803	6	15.51	2102350	20.0
Heptadecane	15.99	5.8	ng	614329	6	15.51	2102350	20.0
Heneicosane, 11-(...	16.50	3.7	ng	392205	6	15.51	2102350	20.0