

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112805.D
 Acq On : 1 Mar 2019 17:43
 Operator : JU/SJ
 Sample : K1672-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-033-A

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-BF022719.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	5.345	550	554	572	rBV	1700579	1714345	96.16%	8.335%
2	6.369	724	728	731	rBV	2033093	1707552	95.78%	8.302%
3	6.510	748	752	755	rBV	2028074	1782788	100.00%	8.668%
4	6.745	788	792	795	rBV	1183247	1017265	57.06%	4.946%
5	6.898	814	818	822	rBV	1669695	1365547	76.60%	6.639%
6	7.298	882	886	893	rBV	1181062	1015682	56.97%	4.938%
7	8.022	1005	1009	1016	rBV	1204468	1156691	64.88%	5.624%
8	8.627	1110	1112	1116	rBV	27322	23958	1.34%	0.116%
9	9.098	1188	1192	1203	rBV	1808390	1615297	90.61%	7.854%
10	9.192	1205	1208	1212	rVB2	32687	31133	1.75%	0.151%
11	9.492	1256	1259	1268	rBV	85735	96448	5.41%	0.469%
12	9.663	1285	1288	1295	rVB6	11604	25498	1.43%	0.124%
13	9.722	1295	1298	1301	rVB	30553	23748	1.33%	0.115%
14	9.774	1303	1307	1319	rVB	1040591	1048155	58.79%	5.096%
15	10.216	1380	1382	1385	rVB	26646	22410	1.26%	0.109%
16	10.551	1436	1439	1453	rBV	918568	901175	50.55%	4.382%
17	10.686	1459	1462	1469	rVB	30521	40370	2.26%	0.196%
18	11.133	1530	1538	1541	rBV3	26338	31422	1.76%	0.153%
19	11.251	1554	1558	1561	rBV	1035346	974628	54.67%	4.739%
20	11.321	1565	1570	1573	rVB2	15344	19458	1.09%	0.095%
21	11.786	1645	1649	1653	rBV2	161085	171460	9.62%	0.834%
22	12.298	1733	1736	1739	rBV	22054	19881	1.12%	0.097%
23	12.333	1739	1742	1744	rBV2	37126	39411	2.21%	0.192%
24	12.357	1744	1746	1749	rVB2	48718	39001	2.19%	0.190%
25	12.457	1759	1763	1767	rBV	146114	144077	8.08%	0.701%
26	12.568	1776	1782	1786	rBV4	64413	88811	4.98%	0.432%
27	12.680	1796	1801	1806	rBV	144745	146530	8.22%	0.712%
28	12.827	1822	1826	1830	rBV	1823235	1511662	84.79%	7.350%
29	13.010	1854	1857	1861	rVB2	24780	28936	1.62%	0.141%
30	13.074	1866	1868	1871	rVB2	48789	44944	2.52%	0.219%
31	13.115	1871	1875	1877	rBV2	25215	32618	1.83%	0.159%
32	13.239	1893	1896	1899	rBV5	19029	19666	1.10%	0.096%
33	13.415	1923	1926	1931	rBV2	44224	43610	2.45%	0.212%
34	13.733	1977	1980	1988	rVB2	118067	163766	9.19%	0.796%

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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	13.874	1999	2004	2007	rBV	1496179	1416693	79.47%	6.888%
36	13.898	2007	2008	2011	rVB	91339	50547	2.84%	0.246%
37	14.062	2033	2036	2038	rBV	90136	75318	4.22%	0.366%
38	14.362	2084	2087	2092	rBV	125448	124875	7.00%	0.607%
39	14.662	2135	2138	2144	rVB	139686	155180	8.70%	0.755%
40	14.727	2147	2149	2153	rVB	63639	63799	3.58%	0.310%
41	14.880	2173	2175	2183	rVB	71057	120904	6.78%	0.588%
42	14.980	2189	2192	2198	rVB2	179886	188582	10.58%	0.917%
43	15.286	2239	2244	2249	rBV	864253	988237	55.43%	4.805%
44	15.339	2250	2253	2258	rVB	129539	155981	8.75%	0.758%
45	15.745	2319	2322	2326	rVB	96557	118974	6.67%	0.578%

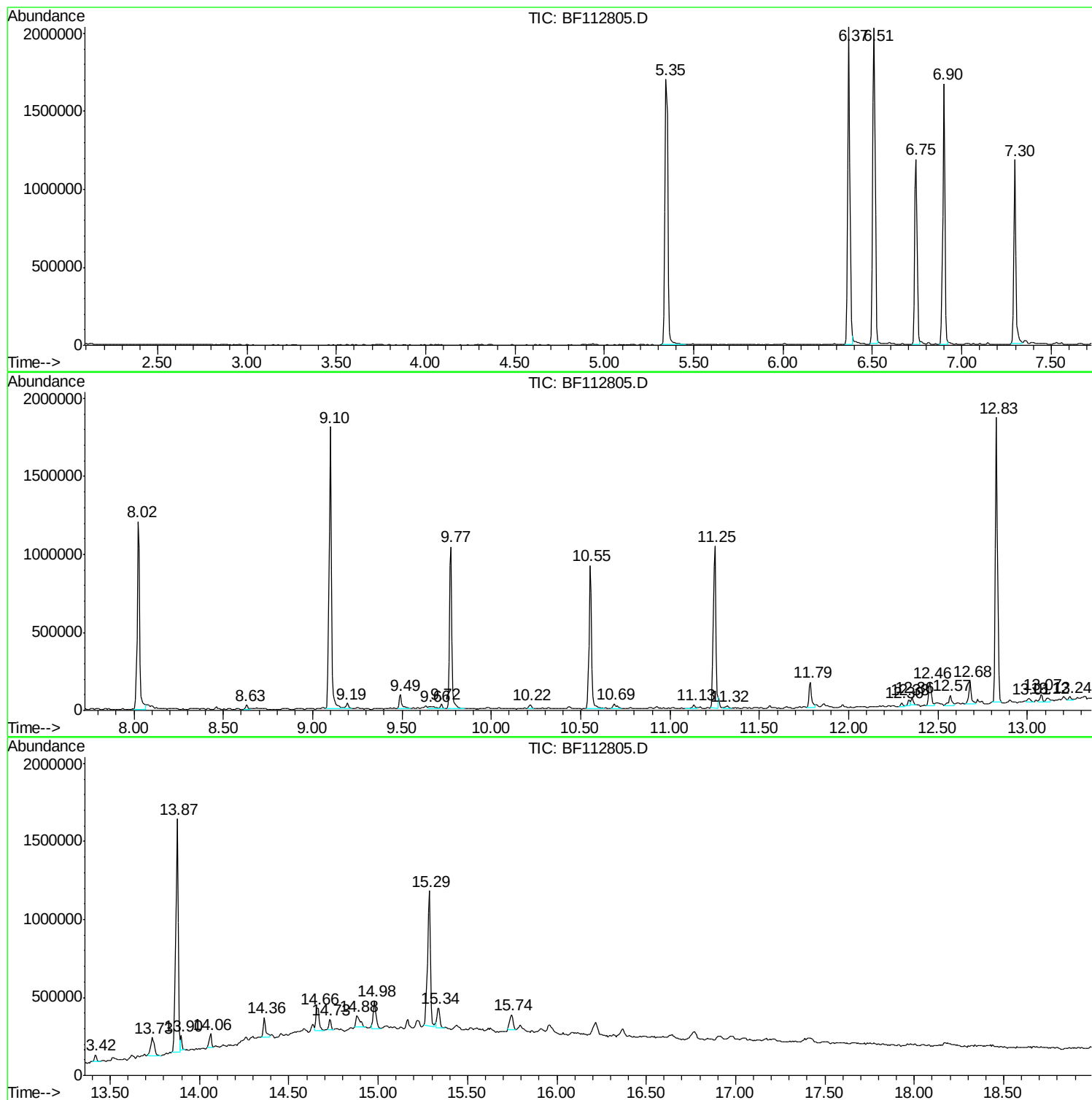
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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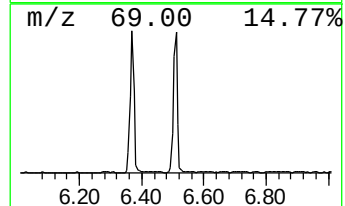
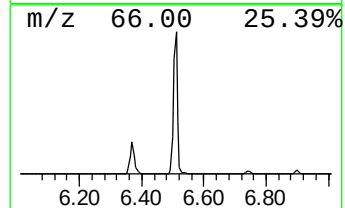
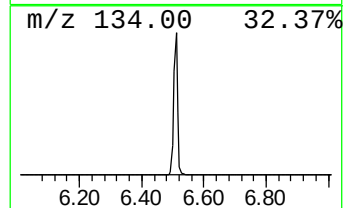
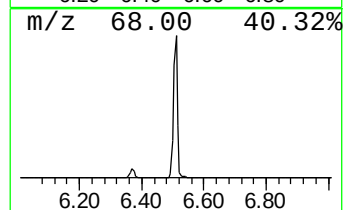
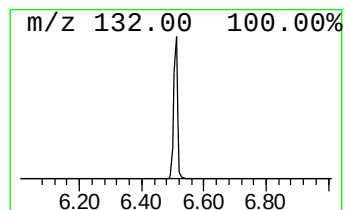
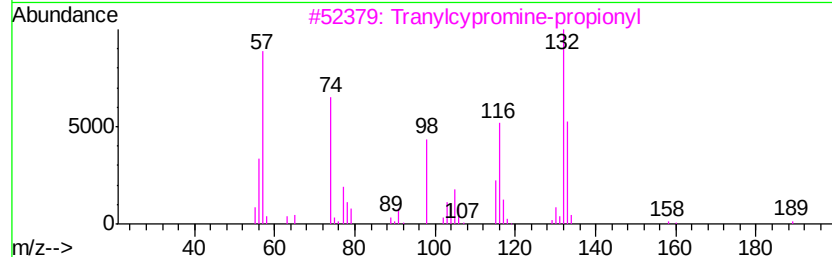
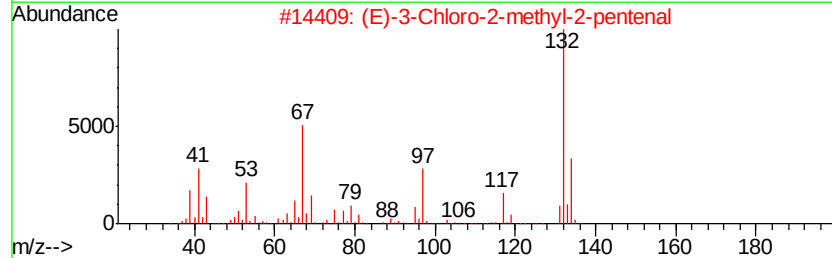
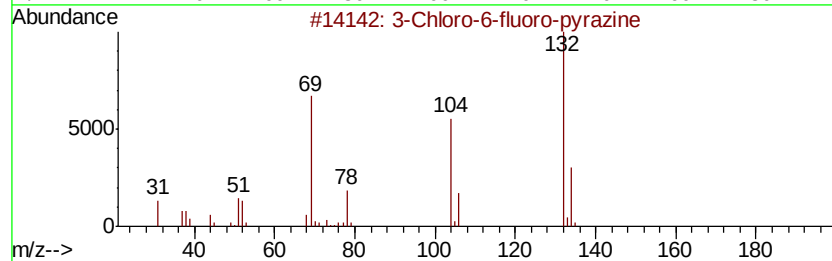
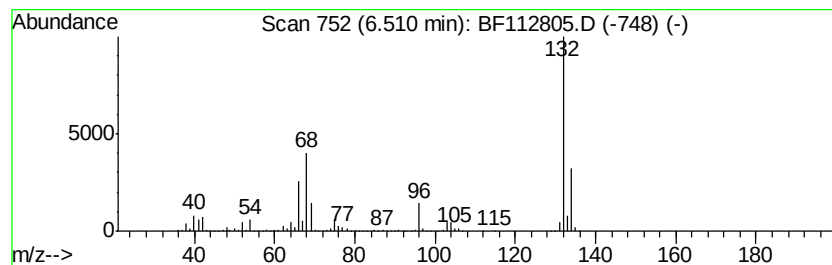
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	35.05 ng	1782790	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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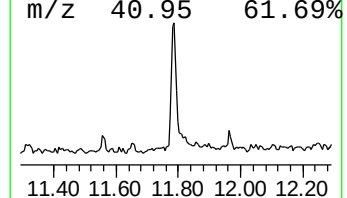
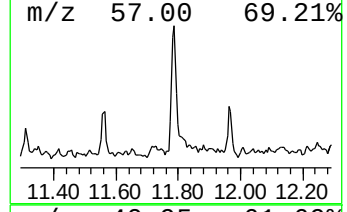
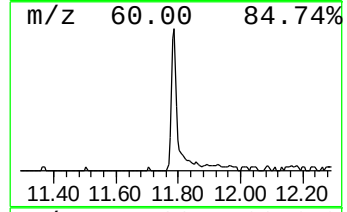
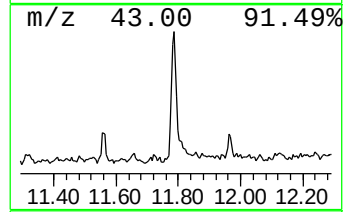
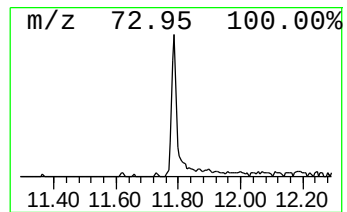
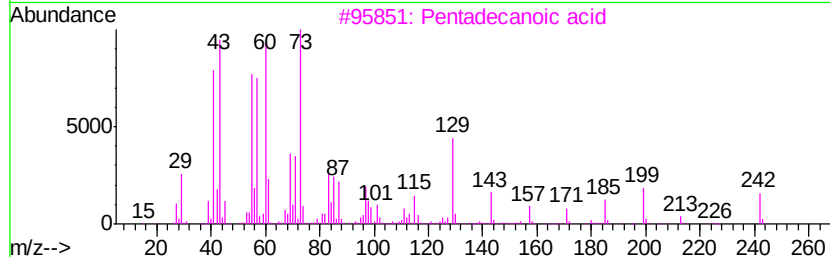
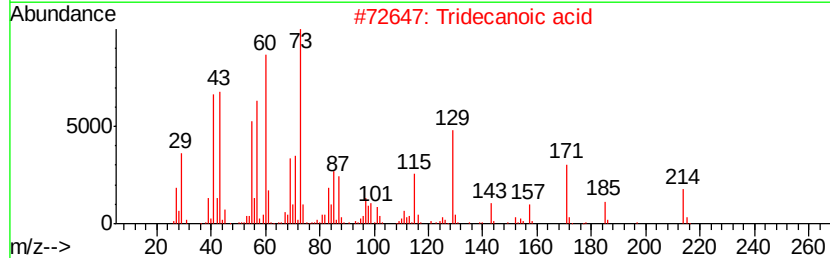
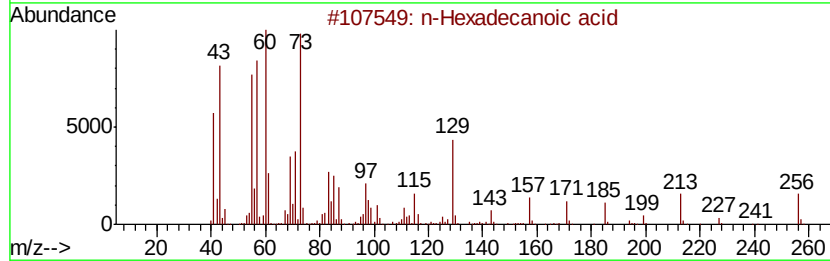
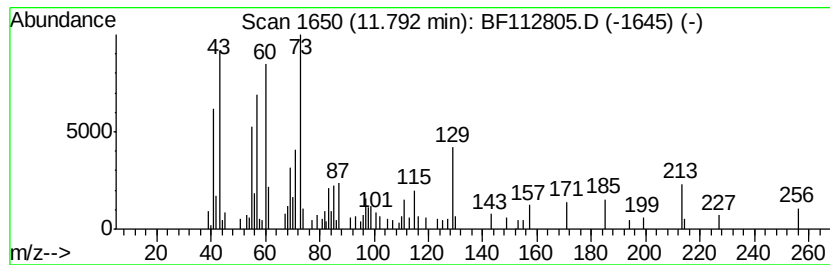
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	3.52 ng	171460	Phenanthrene-d10	11.25	
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	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Nonanoic acid	158	C9H18O2	000112-05-0	38



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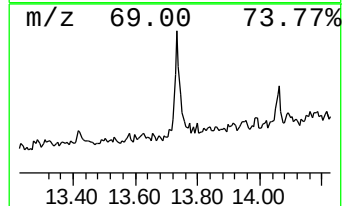
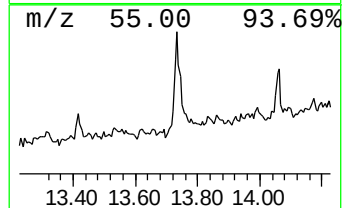
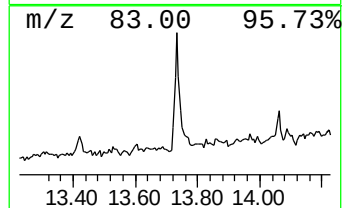
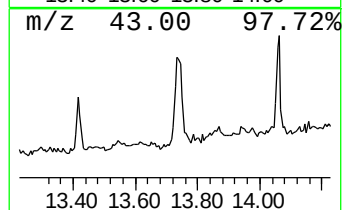
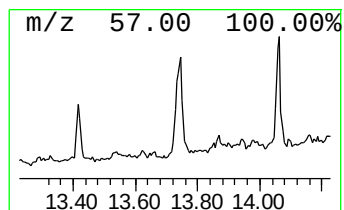
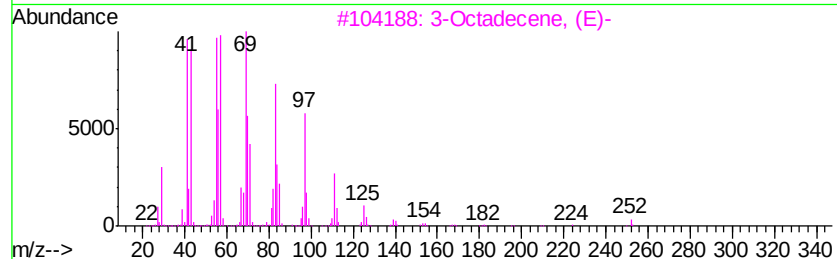
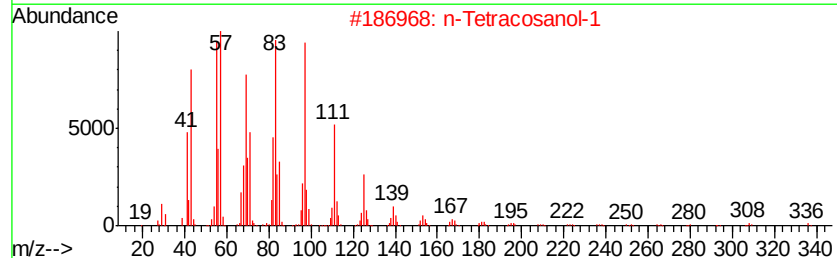
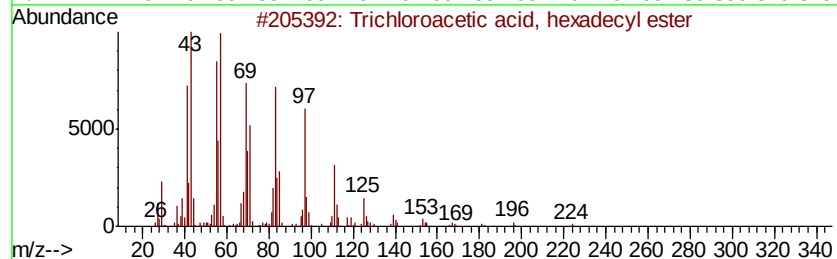
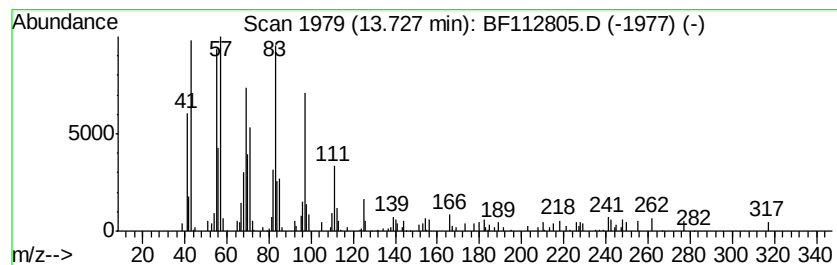
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.31 ng	163766	Chrysene-d12	13.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		3-Octadecene, (E)-	252	C18H36	007206-19-1	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	90
5		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90



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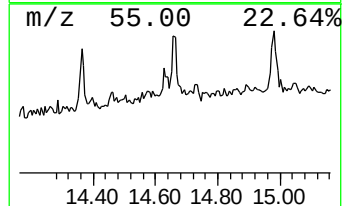
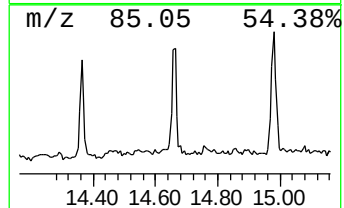
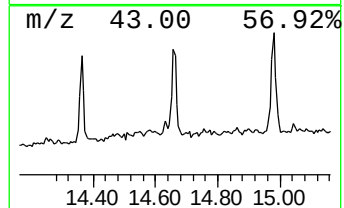
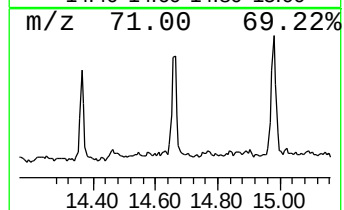
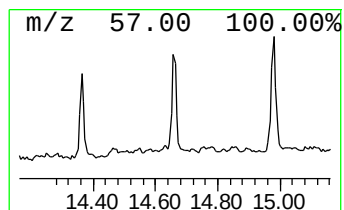
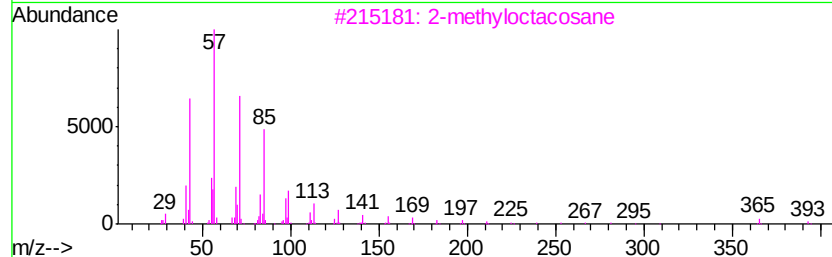
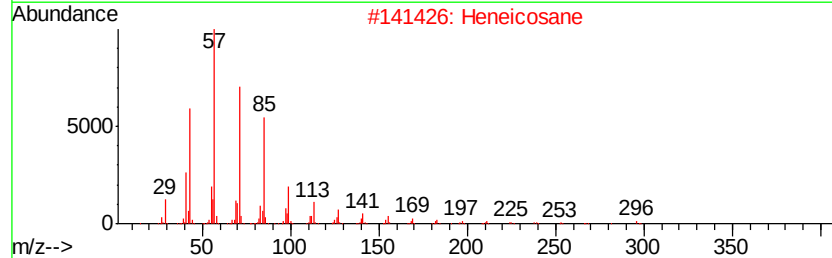
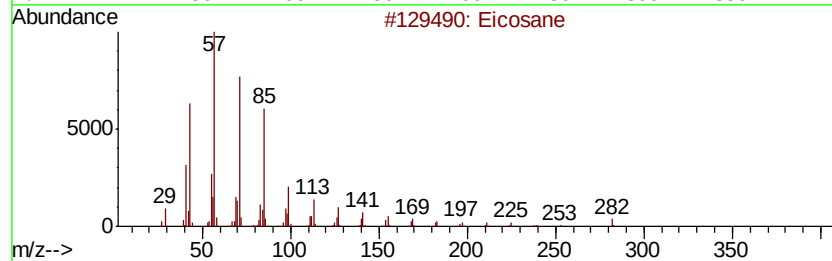
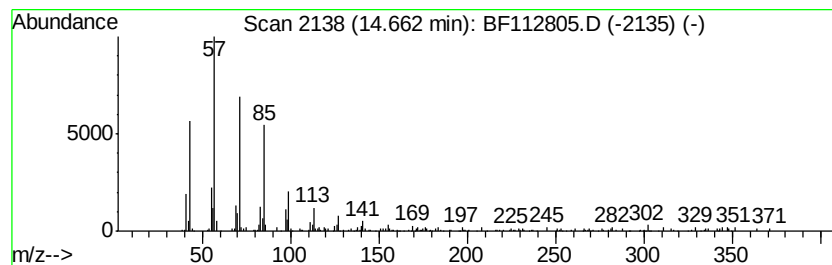
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.14 ng	155180	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Heneicosane	296 C21H44	000629-94-7	90
3	2-methyloctacosane	408 C29H60	1000376-72-8	87
4	Nonadecane	268 C19H40	000629-92-5	87
5	Tetracosane	338 C24H50	000646-31-1	87



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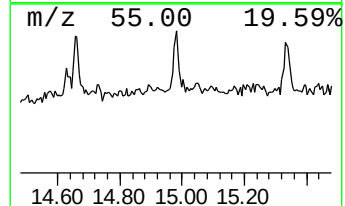
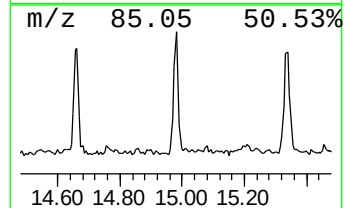
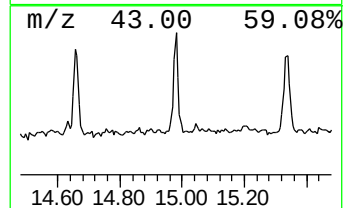
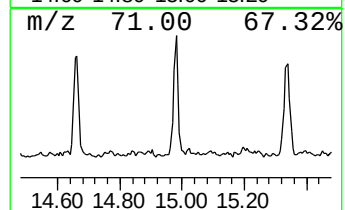
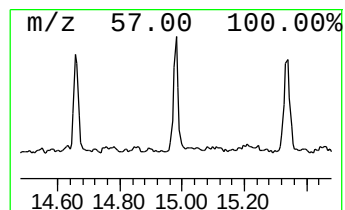
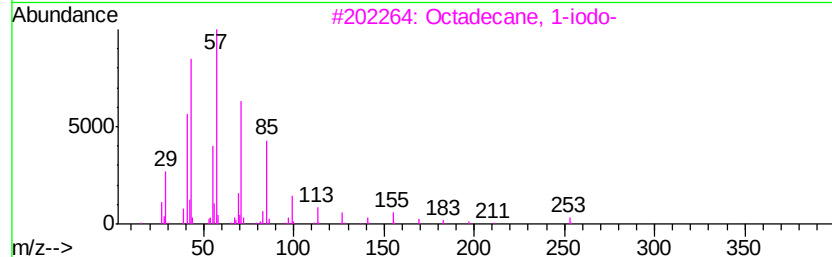
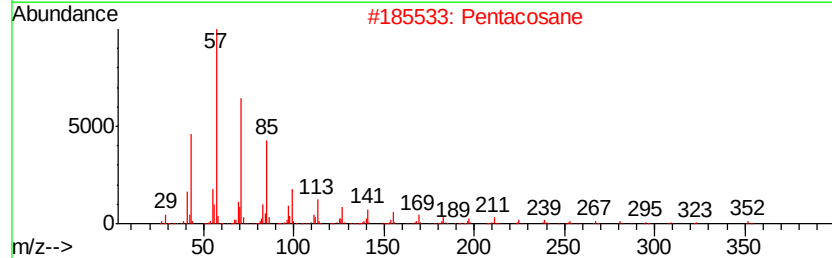
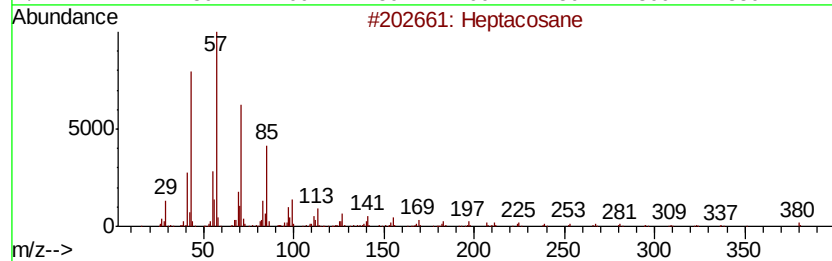
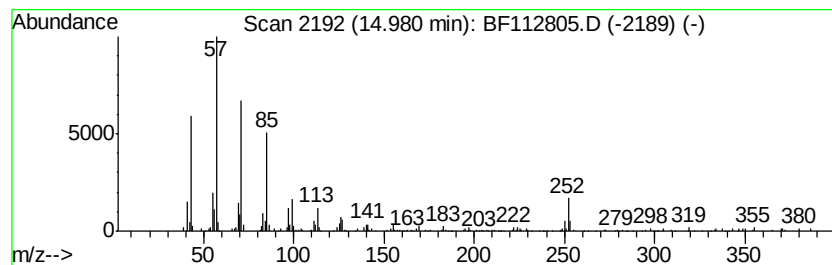
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.98	3.82 ng	188582	Perylene-d12		15.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Pentacosane	352	C25H52	000629-99-2	80
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
5	Tetratetracontane	619	C44H90	007098-22-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112805.D
Acq On : 1 Mar 2019 17:43
Operator : JU/SJ
Sample : K1672-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

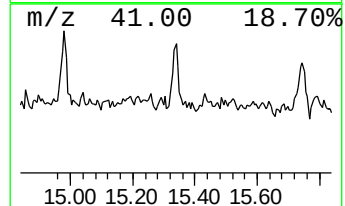
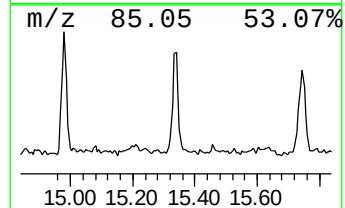
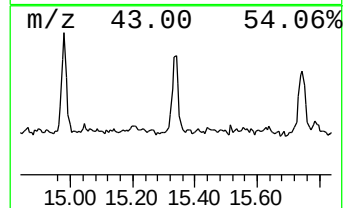
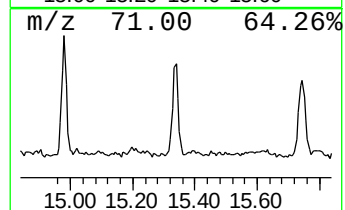
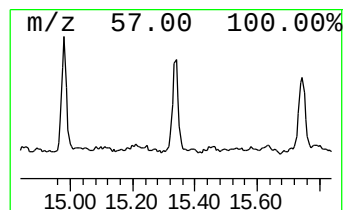
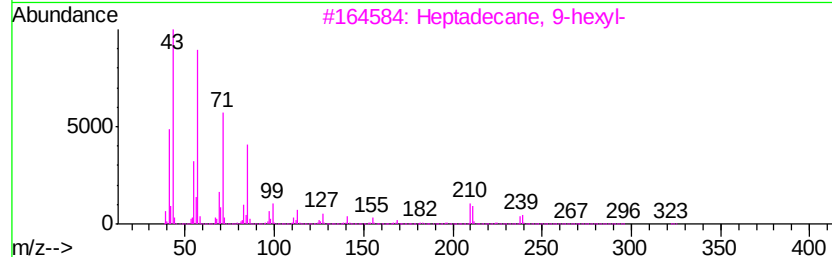
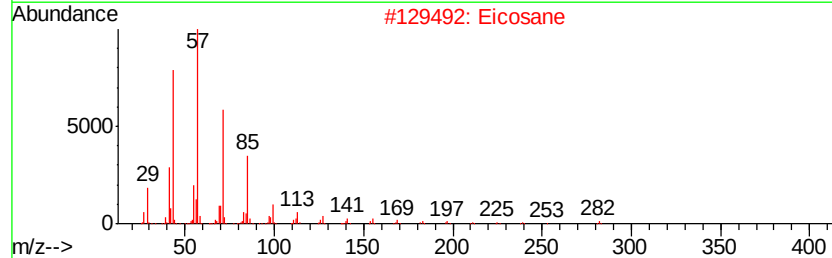
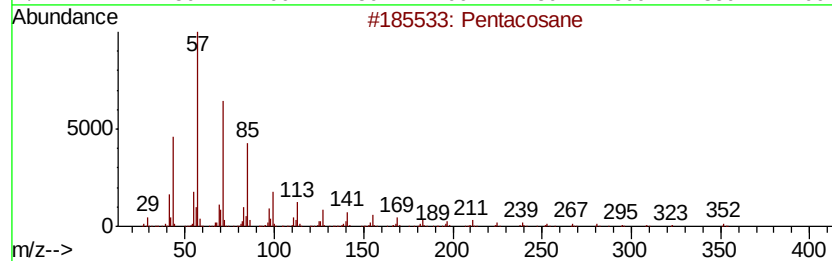
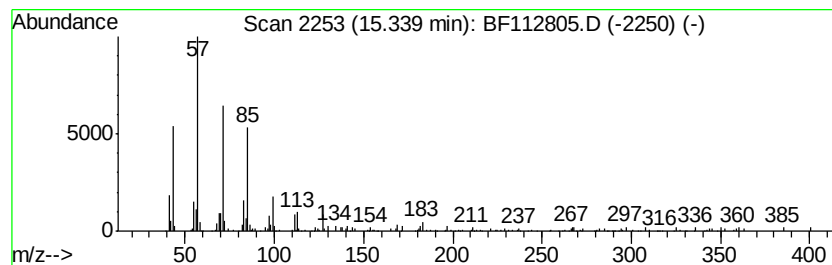
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.16 ng	155981	Perylene-d12	15.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	93
2	Eicosane		282	C20H42	000112-95-8	93
3	Heptadecane, 9-hexyl-		324	C23H48	055124-79-3	90
4	Heptadecane		240	C17H36	000629-78-7	87
5	Docosane		310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112805.D
Acq On : 1 Mar 2019 17:43
Operator : JU/SJ
Sample : K1672-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-GF-02-033-A

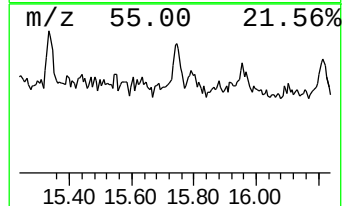
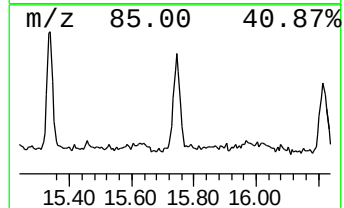
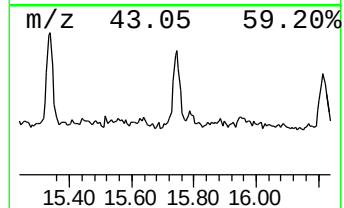
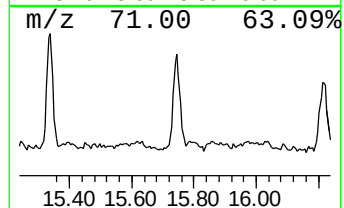
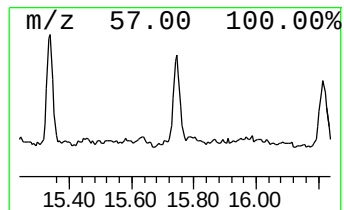
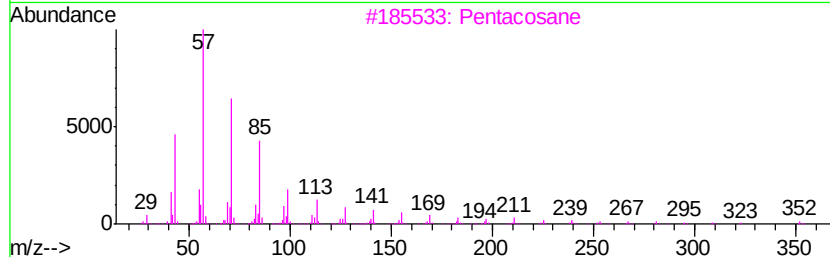
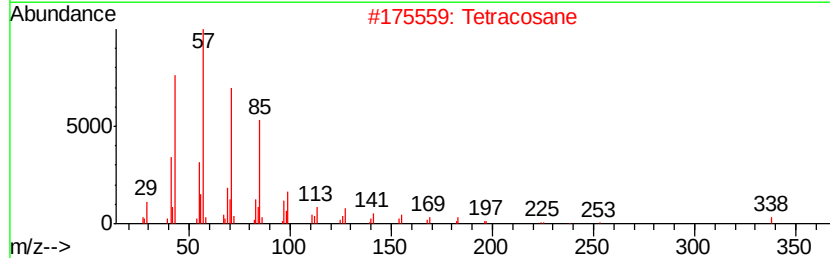
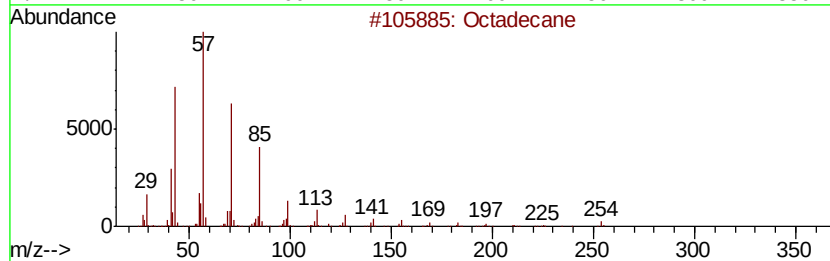
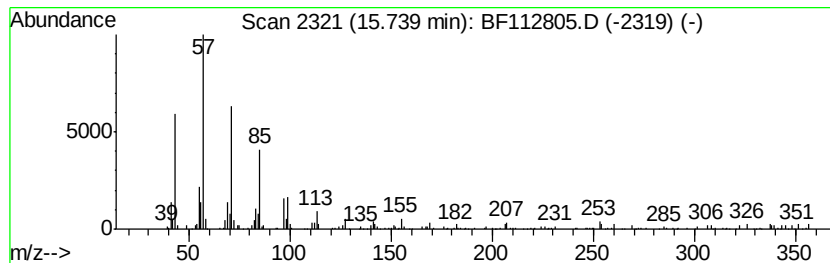
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	2.41 ng	118974	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	98
2		Tetracosane	338	C24H50	000646-31-1	96
3		Pentacosane	352	C25H52	000629-99-2	94
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112805.D
Acq On : 1 Mar 2019 17:43
Operator : JU/SJ
Sample : K1672-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	35.0	ng	1782790	1	6.75	1017270	20.0
n-Hexadecanoic acid	11.79	3.5	ng	171460	4	11.25	974628	20.0
Trichloroacetic a...	13.73	2.3	ng	163766	5	13.87	1416690	20.0
Eicosane	14.66	3.1	ng	155180	6	15.29	988237	20.0
Heptacosane	14.98	3.8	ng	188582	6	15.29	988237	20.0
Pentacosane	15.34	3.2	ng	155981	6	15.29	988237	20.0
Octadecane	15.74	2.4	ng	118974	6	15.29	988237	20.0