

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112904.D
 Acq On : 7 Mar 2019 2:05
 Operator : JU/SJ
 Sample : K1705-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW010-022719

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	5.339	549	553	557	rBV	3171893	3217789	94.02%	7.887%
2	6.363	723	727	741	rBV	3265911	3376247	98.65%	8.275%
3	6.498	746	750	754	rBV	3711760	3422491	100.00%	8.389%
4	6.733	786	790	793	rBV	1281895	1179524	34.46%	2.891%
5	6.886	812	816	820	rBV	3128247	2676321	78.20%	6.560%
6	7.286	880	884	897	rBV	2176346	2104081	61.48%	5.157%
7	8.010	1003	1007	1014	rBV	1414713	1388970	40.58%	3.404%
8	9.086	1186	1190	1201	rBV	3571296	3240088	94.67%	7.941%
9	9.480	1254	1257	1263	rVB	213505	194513	5.68%	0.477%
10	9.763	1301	1305	1308	rBV	1535171	1417919	41.43%	3.475%
11	9.792	1308	1310	1314	rVB	67787	62230	1.82%	0.153%
12	9.969	1336	1340	1344	rBV	36839	37614	1.10%	0.092%
13	10.304	1394	1397	1403	rVB	47008	46703	1.36%	0.114%
14	10.416	1414	1416	1421	rBV	53672	62495	1.83%	0.153%
15	10.545	1433	1438	1444	rBV	1971847	2004230	58.56%	4.912%
16	11.133	1534	1538	1545	rVB2	29870	45743	1.34%	0.112%
17	11.239	1552	1556	1558	rBV	1355284	1367377	39.95%	3.351%
18	11.257	1558	1559	1564	rVV	536952	452363	13.22%	1.109%
19	11.310	1566	1568	1573	rVB	97359	85580	2.50%	0.210%
20	11.463	1589	1594	1598	rBV2	45740	55717	1.63%	0.137%
21	11.739	1638	1641	1643	rBV	75472	67741	1.98%	0.166%
22	11.774	1643	1647	1651	rBV2	374567	396621	11.59%	0.972%
23	11.845	1656	1659	1662	rVV	100019	122695	3.58%	0.301%
24	11.868	1662	1663	1669	rVB	48026	40513	1.18%	0.099%
25	12.033	1688	1691	1692	rBV	52894	46905	1.37%	0.115%
26	12.051	1692	1694	1700	rVB	62729	62960	1.84%	0.154%
27	12.286	1731	1734	1737	rBV	46121	46135	1.35%	0.113%
28	12.363	1745	1747	1754	rVB2	45847	55402	1.62%	0.136%
29	12.439	1757	1760	1765	rBV	624824	615921	18.00%	1.510%
30	12.480	1765	1767	1775	rVB6	44864	77656	2.27%	0.190%
31	12.557	1778	1780	1785	rBV3	108488	153101	4.47%	0.375%
32	12.668	1793	1799	1805	rBV	553820	619799	18.11%	1.519%
33	12.721	1805	1808	1813	rVB2	33787	49644	1.45%	0.122%
34	12.815	1820	1824	1831	rVB	3120874	2783648	81.33%	6.823%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.892	1831	1837	1840	rBV2	47384	79547	2.32%	0.195%
36	12.998	1852	1855	1859	rVB	77684	81878	2.39%	0.201%
37	13.062	1863	1866	1869	rVB2	69335	58405	1.71%	0.143%
38	13.098	1869	1872	1875	rBV	78509	82187	2.40%	0.201%
39	13.221	1890	1893	1898	rBV3	36753	39065	1.14%	0.096%
40	13.298	1903	1906	1913	rVB6	26250	38830	1.13%	0.095%
41	13.498	1937	1940	1945	rVB	58278	78652	2.30%	0.193%
42	13.609	1955	1959	1962	rBV2	59142	94525	2.76%	0.232%
43	13.662	1966	1968	1972	rVV2	32964	54429	1.59%	0.133%
44	13.727	1972	1979	1985	rVV2	220091	335539	9.80%	0.822%
45	13.862	1994	2002	2004	rBV2	1667580	1946539	56.87%	4.771%
46	13.886	2004	2006	2009	rVB	249122	210080	6.14%	0.515%
47	13.962	2014	2019	2023	rBV4	41101	71729	2.10%	0.176%
48	14.045	2030	2033	2036	rVB2	132149	113738	3.32%	0.279%
49	14.245	2064	2067	2071	rBV	54134	48163	1.41%	0.118%
50	14.280	2071	2073	2076	rVB2	56563	53698	1.57%	0.132%
51	14.351	2081	2085	2091	rBV3	252446	427120	12.48%	1.047%
52	14.645	2131	2135	2141	rVB	244707	266453	7.79%	0.653%
53	14.709	2143	2146	2151	rVB3	74640	88486	2.59%	0.217%
54	14.774	2154	2157	2161	rVB3	84384	82592	2.41%	0.202%
55	14.868	2169	2173	2176	rBV	227198	351161	10.26%	0.861%
56	14.962	2184	2189	2191	rBV2	431814	504173	14.73%	1.236%
57	14.986	2191	2193	2203	rVB2	237234	376006	10.99%	0.922%
58	15.145	2217	2220	2226	rVB	117605	137544	4.02%	0.337%
59	15.204	2226	2230	2235	rVB	188278	223469	6.53%	0.548%
60	15.262	2235	2240	2245	rBV	1169252	1491830	43.59%	3.656%
61	15.309	2245	2248	2253	rVB	252864	337030	9.85%	0.826%
62	15.492	2277	2279	2284	rVB3	45269	51311	1.50%	0.126%
63	15.715	2313	2317	2322	rBV	355062	519965	15.19%	1.274%
64	15.780	2323	2328	2335	rBV5	63927	134968	3.94%	0.331%
65	16.186	2392	2397	2406	rVB2	111556	214292	6.26%	0.525%
66	16.450	2437	2442	2451	rVB9	67149	152452	4.45%	0.374%
67	16.615	2466	2470	2475	rBV2	50983	83555	2.44%	0.205%
68	16.733	2485	2490	2495	rBV2	65238	118767	3.47%	0.291%
69	17.021	2535	2539	2548	rVB	52475	122522	3.58%	0.300%
70	17.192	2564	2568	2579	rVB10	54951	152321	4.45%	0.373%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

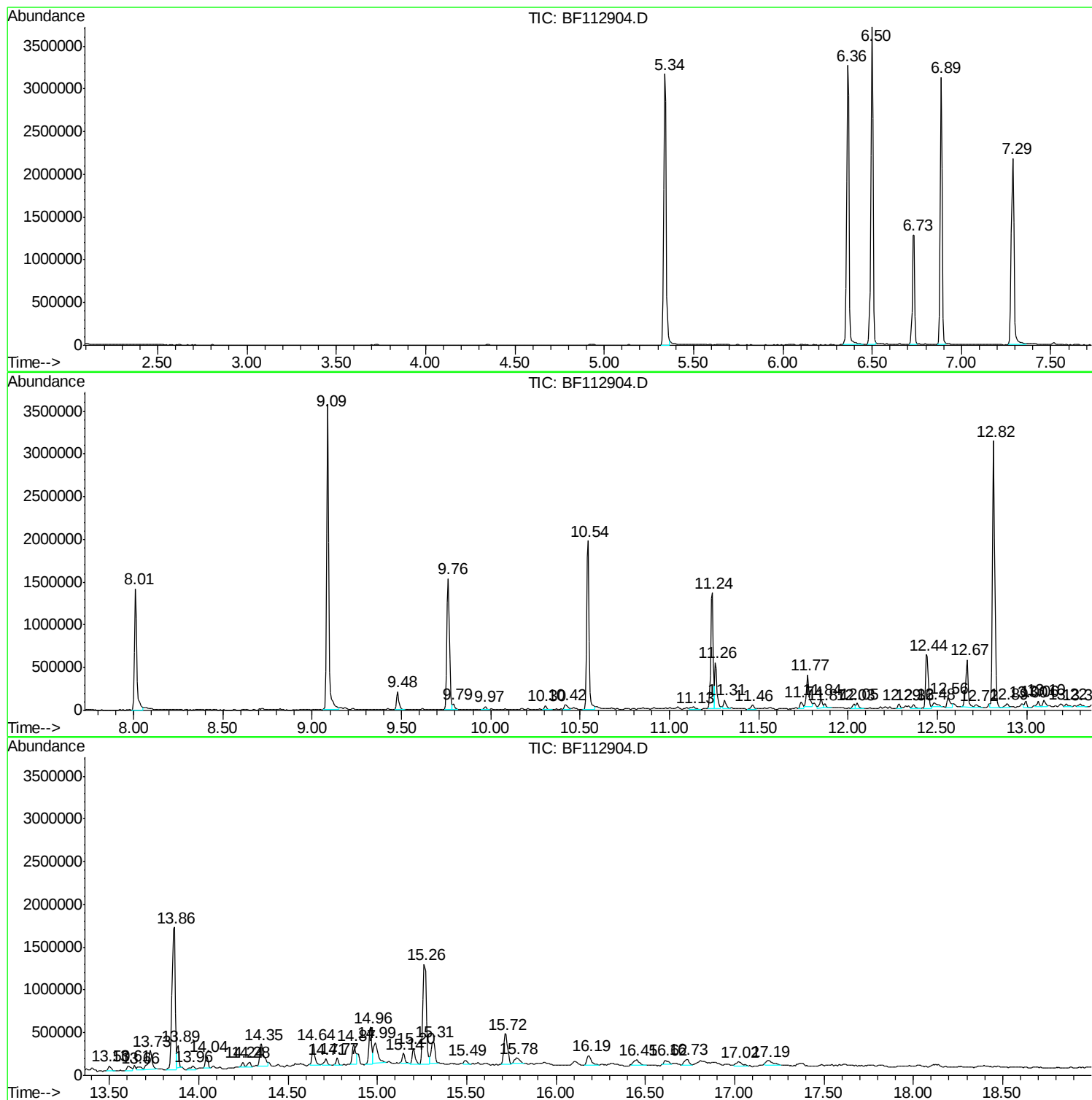
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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EXT-028-SW010-022719

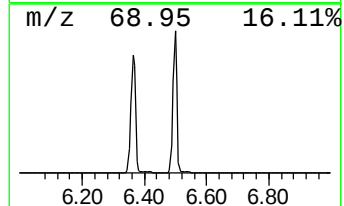
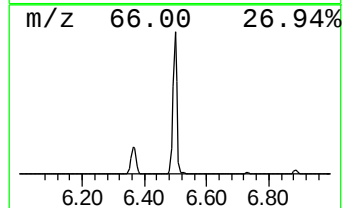
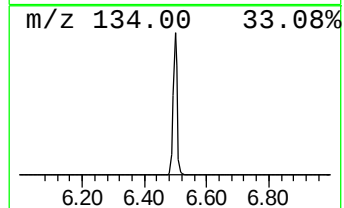
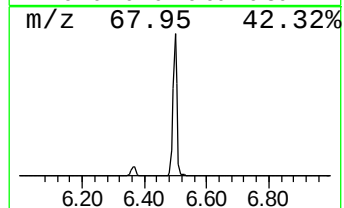
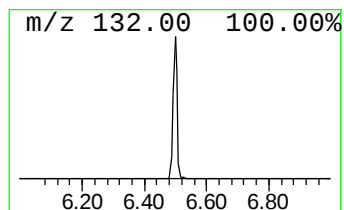
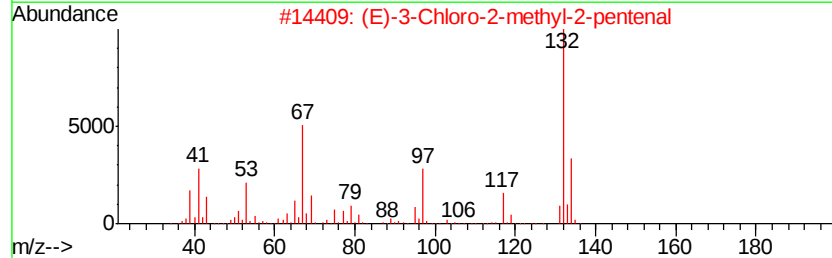
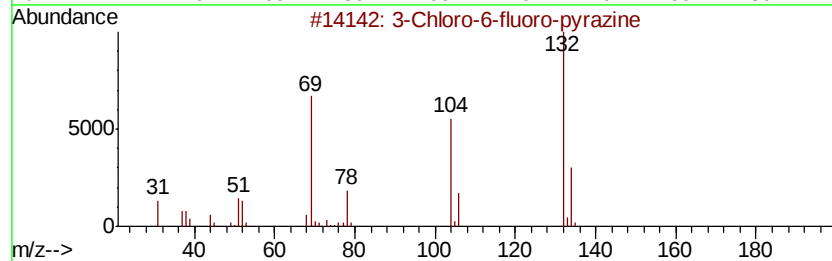
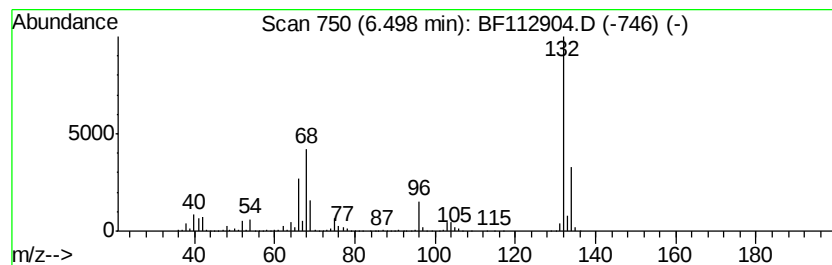
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	58.03 ng	3422490	1,4-Dichlorobenzene-d4	6.73

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	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Xenon	132	Xe	007440-63-3	9



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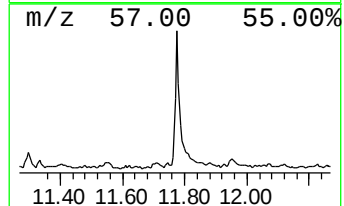
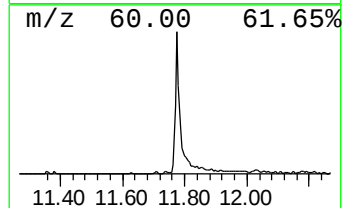
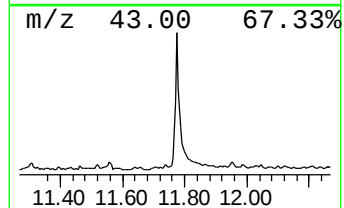
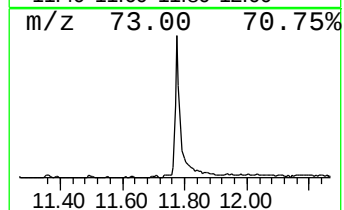
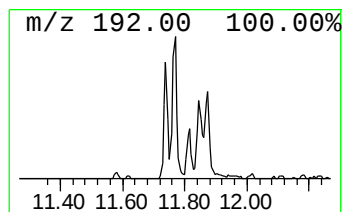
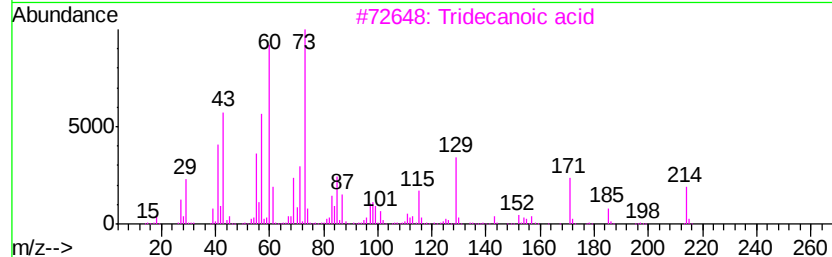
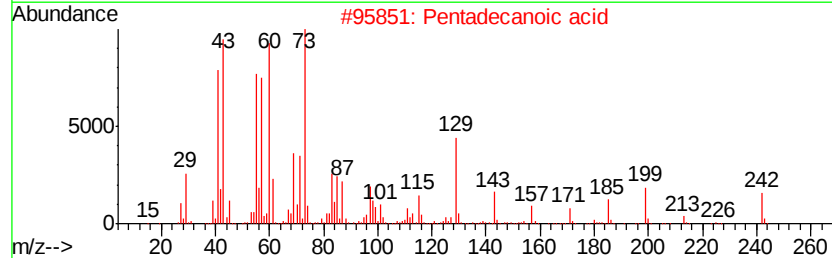
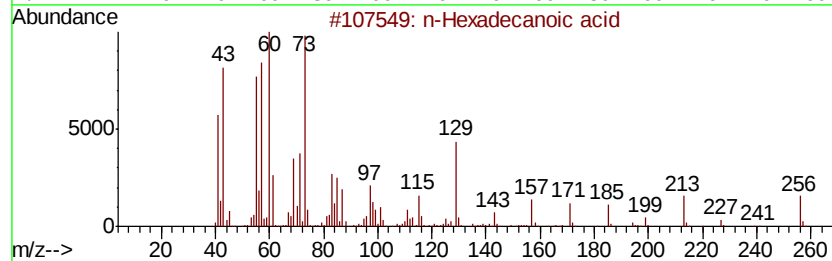
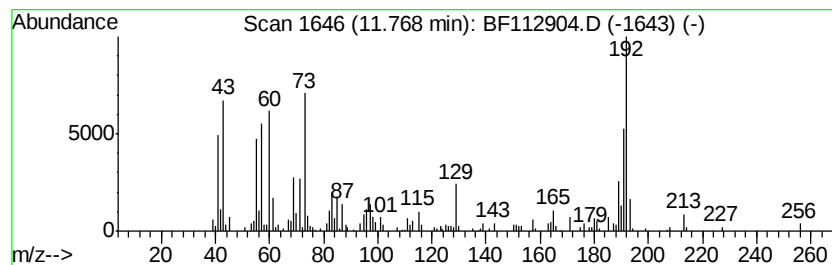
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	5.80 ng	396621	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64



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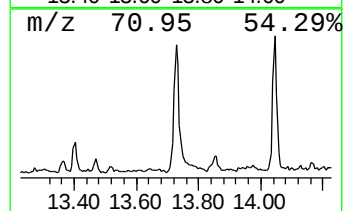
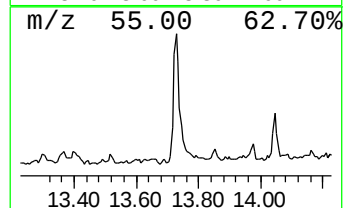
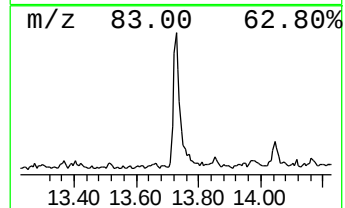
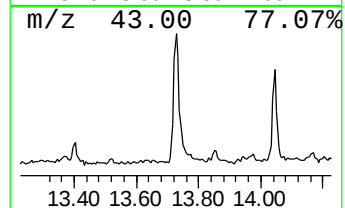
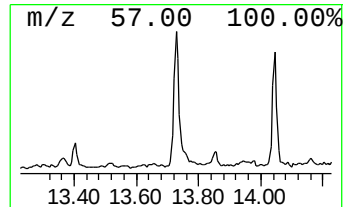
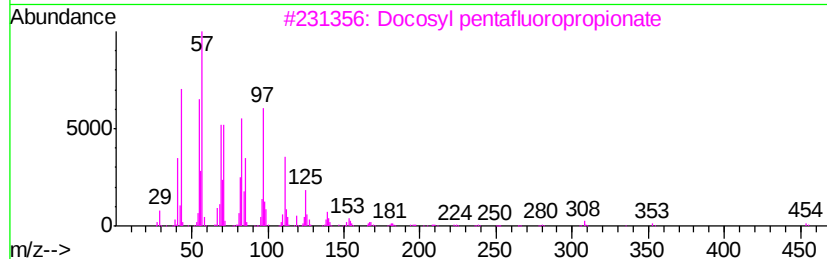
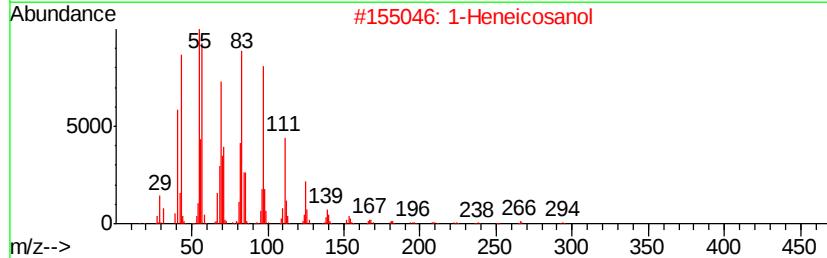
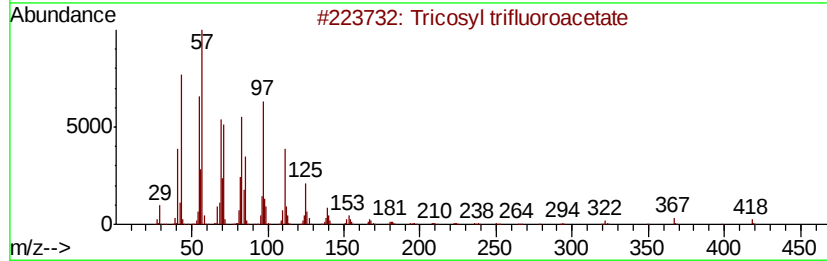
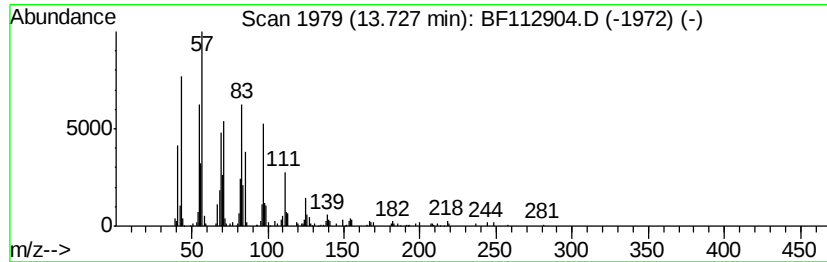
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tricosyl trifluoroacetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.45 ng	335539	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
4		Tetracosyl heptafluorobutyrte	550	C28H49F7O2	1000351-83-7	91
5		Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91



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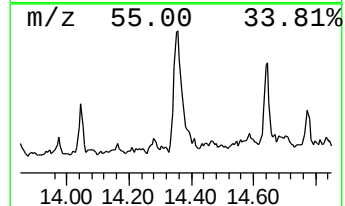
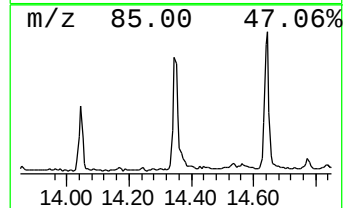
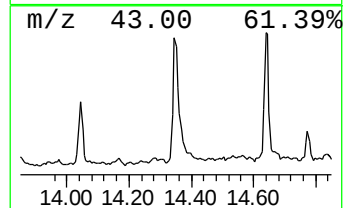
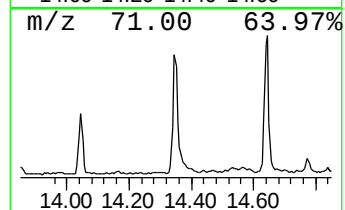
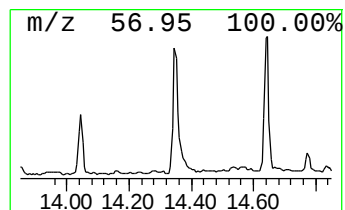
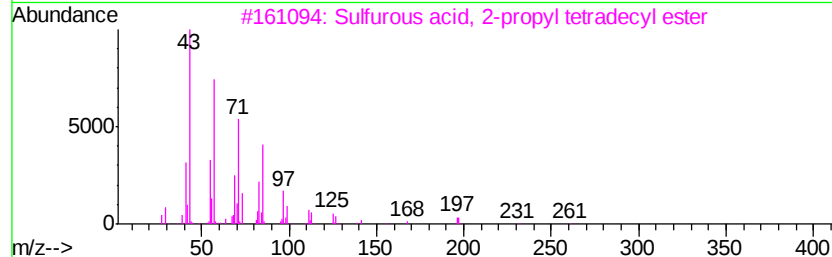
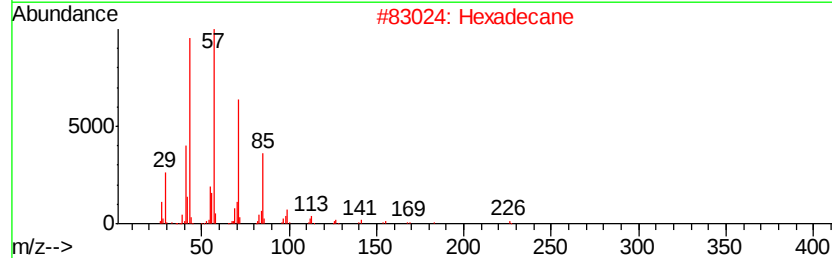
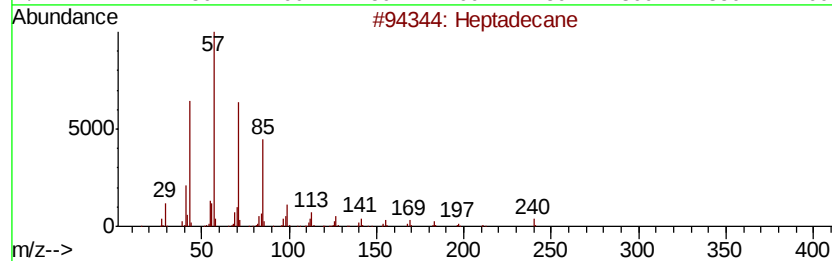
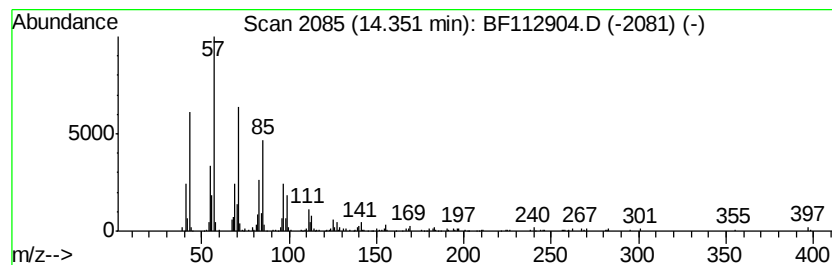
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.39 ng	427120	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	92
2	Hexadecane		226	C16H34	000544-76-3	91
3	Sulfurous acid, 2-propyl tetradecyl...		320	C17H36O3S	1000309-12-5	91
4	Tritetracontane		605	C43H88	007098-21-7	87
5	Sulfurous acid, butyl heptadecyl...		376	C21H44O3S	1000309-18-4	83



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Data File : BF112904.D
Acq On : 7 Mar 2019 2:05
Operator : JU/SJ
Sample : K1705-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

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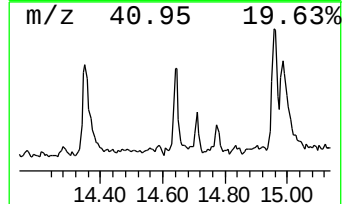
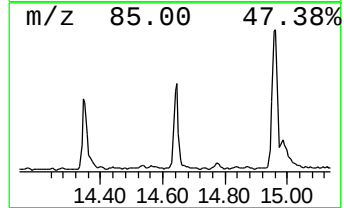
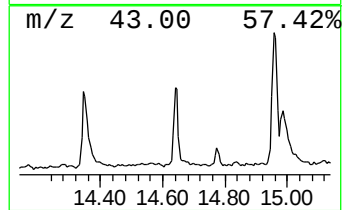
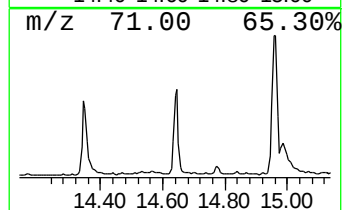
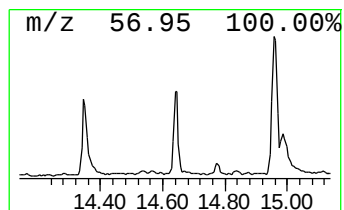
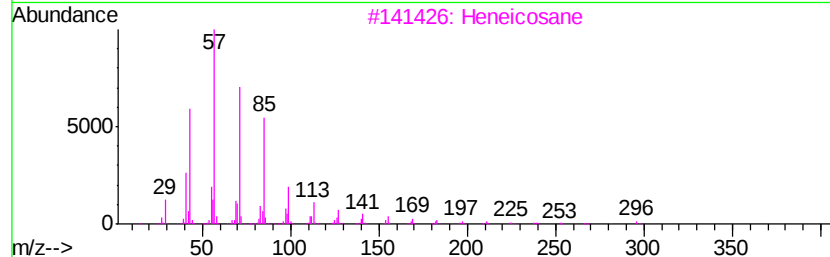
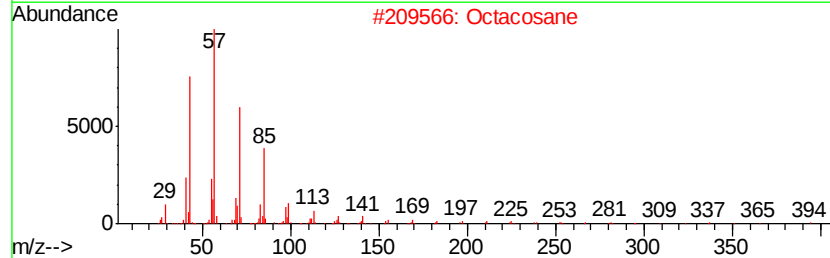
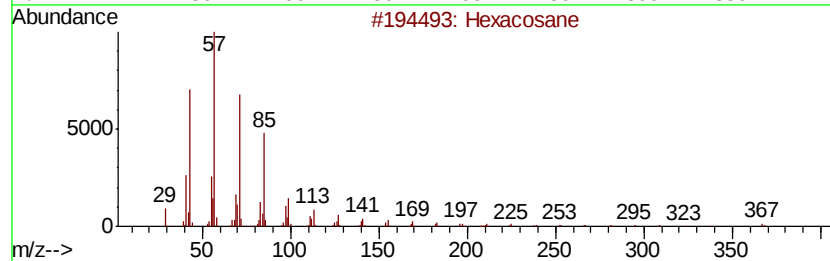
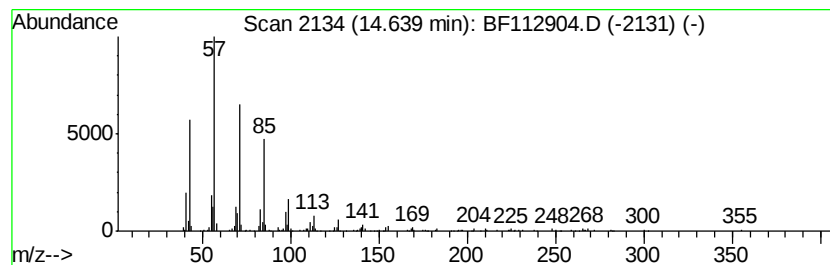
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.57 ng	266453	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Octacosane		394	C28H58	000630-02-4	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Nonadecane		268	C19H40	000629-92-5	87
5	Triacontane		422	C30H62	000638-68-6	87



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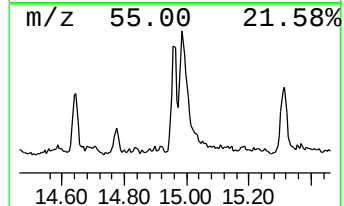
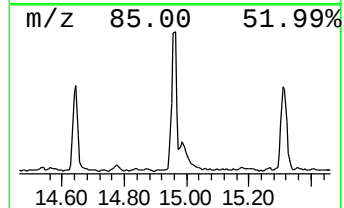
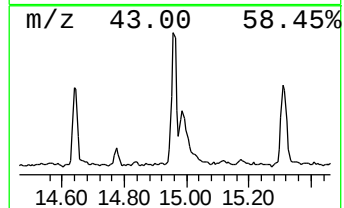
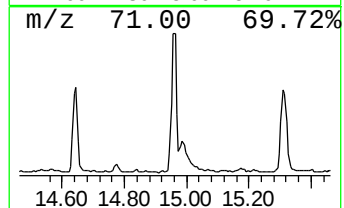
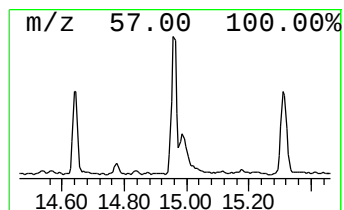
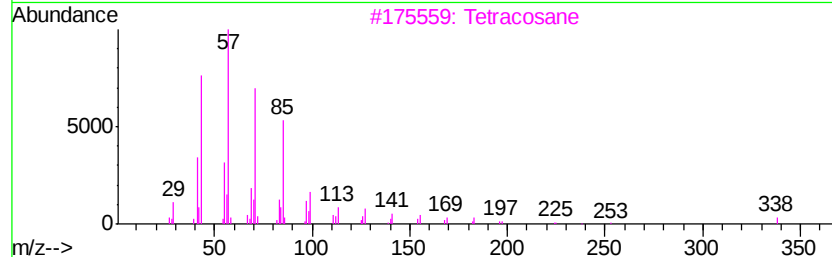
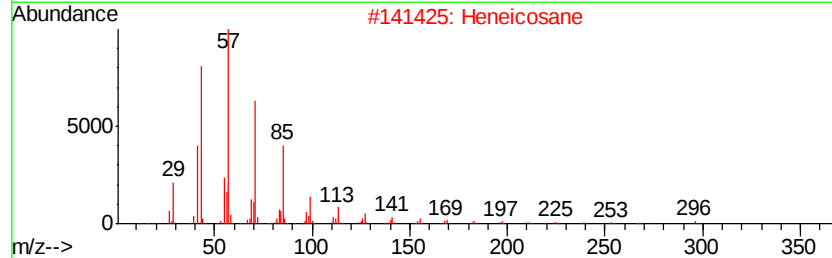
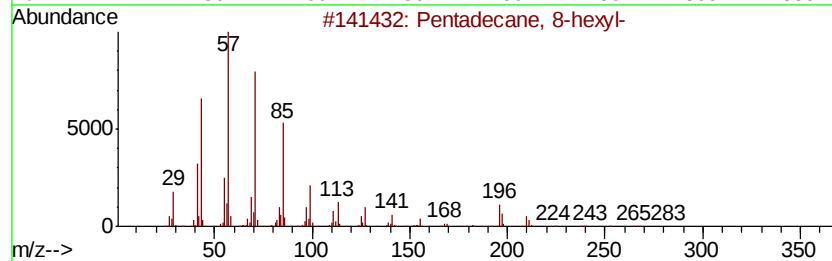
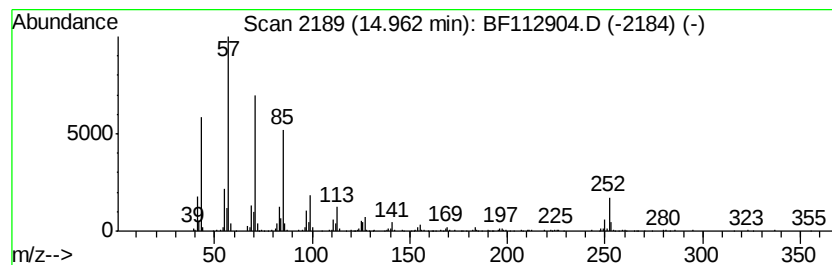
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.76 ng	504173	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
2		Heneicosane	296	C21H44	000629-94-7	83
3		Tetracosane	338	C24H50	000646-31-1	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Pentadecane	212	C15H32	000629-62-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112904.D
Acq On : 7 Mar 2019 2:05
Operator : JU/SJ
Sample : K1705-08
Misc :
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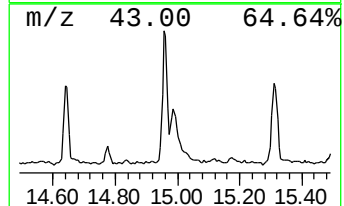
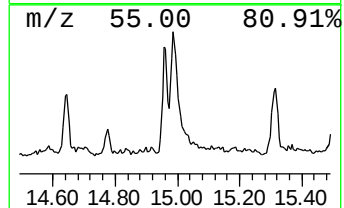
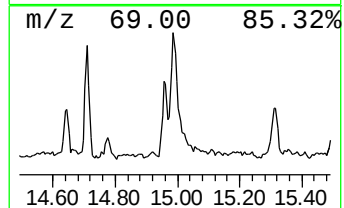
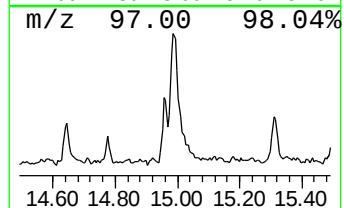
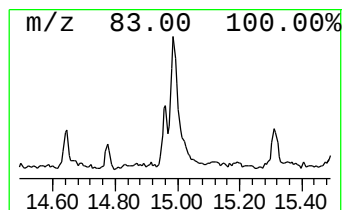
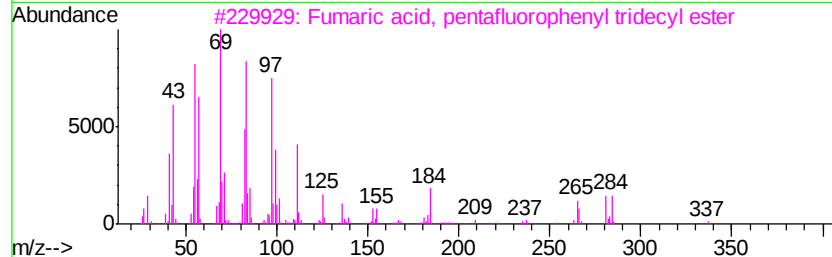
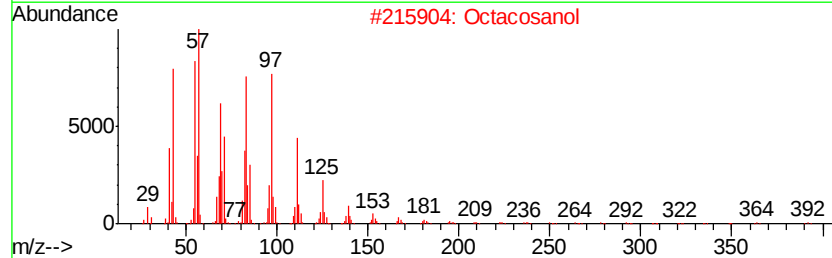
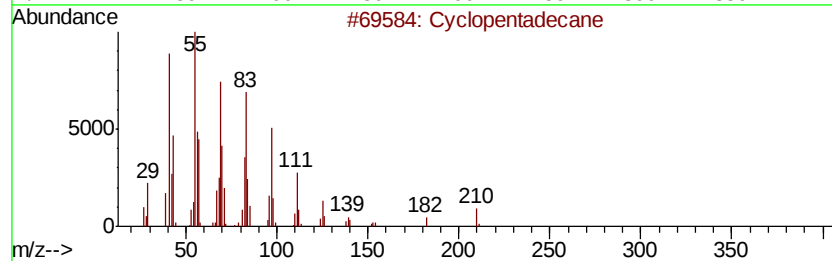
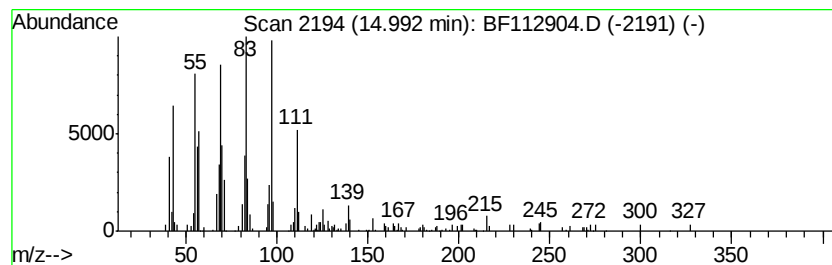
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.04 ng	376006	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		Octacosanol	410	C28H58O	000557-61-9	74
3		Fumaric acid, pentafluorophenyl ...	464	C23H29F5O4	1000348-10-5	72
4		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	64
5		1-Octadecanol	270	C18H38O	000112-92-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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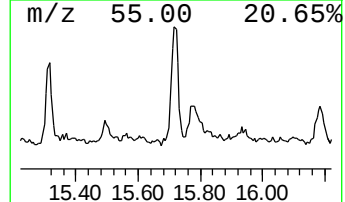
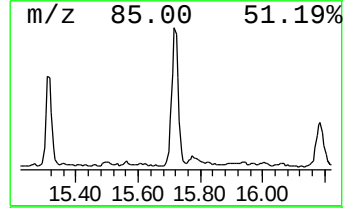
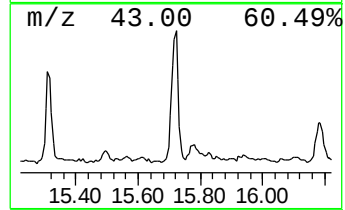
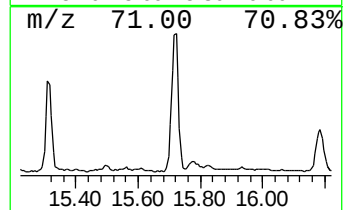
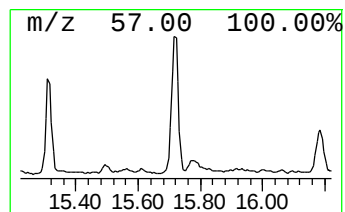
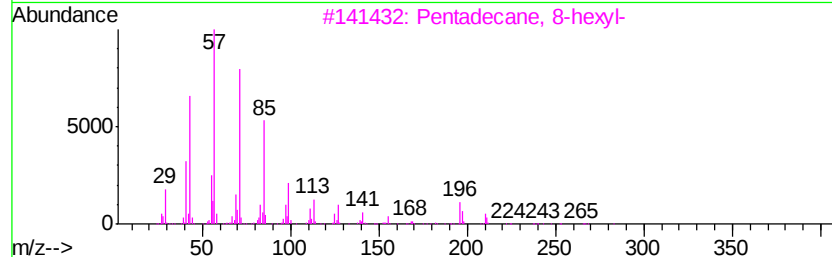
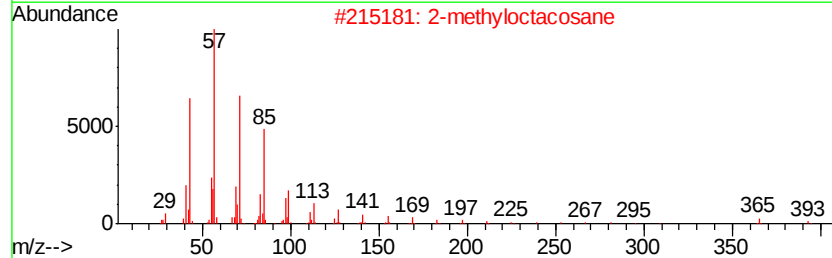
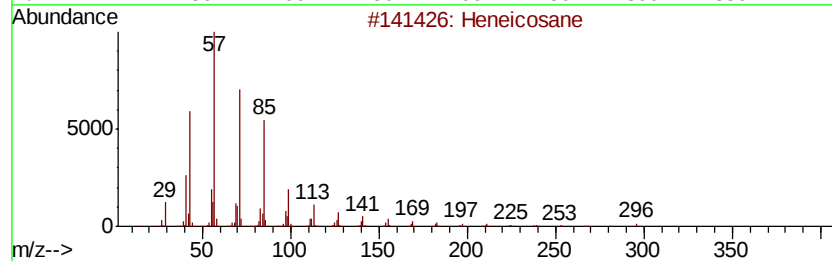
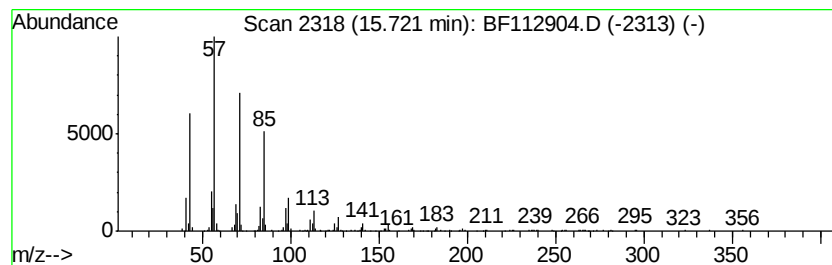
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	6.97 ng	519965	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	97
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	91
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	87
5	Tridecane		184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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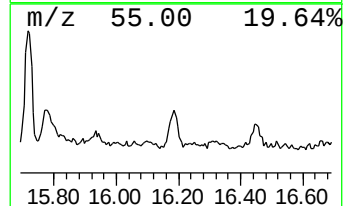
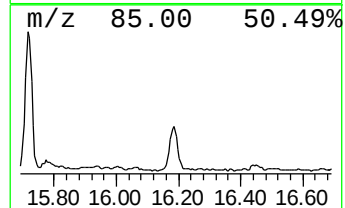
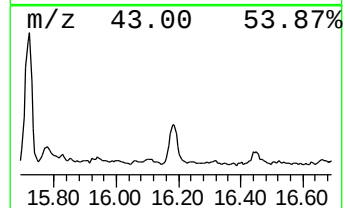
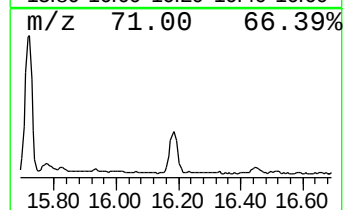
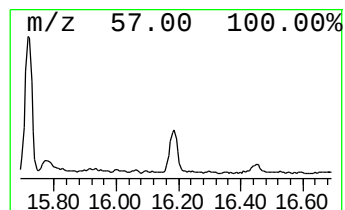
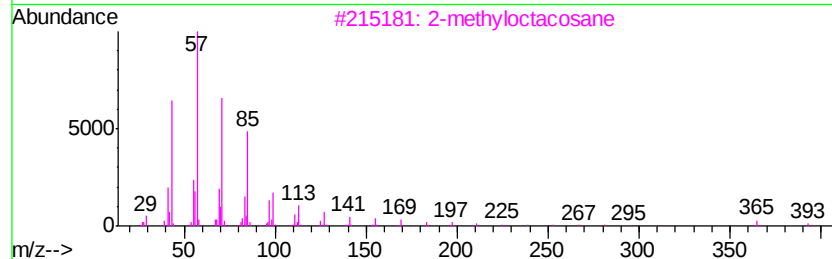
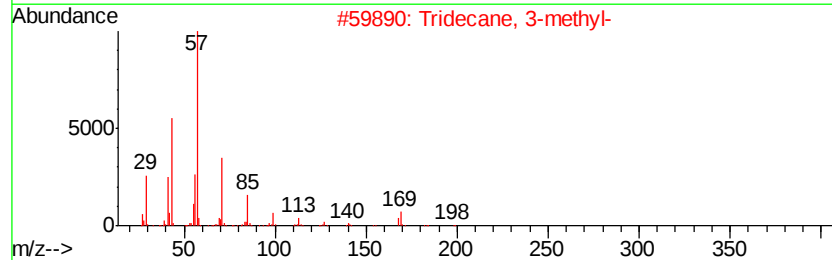
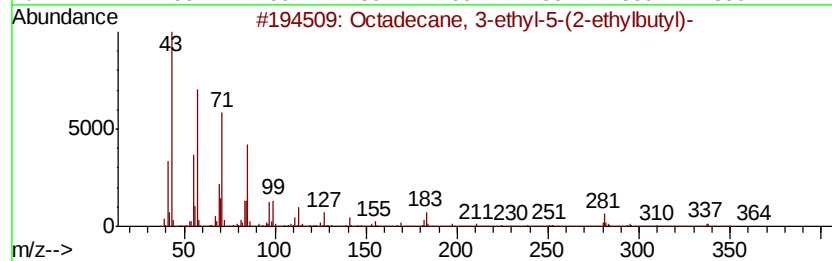
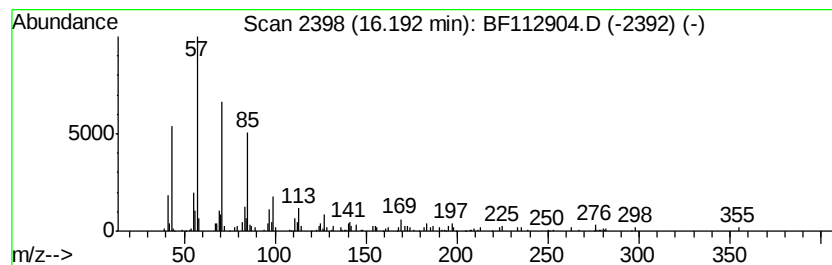
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 3-ethyl-5-(2-ethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.87 ng	214292	Perylene-d12	15.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 3-ethyl-5-(2-ethylbu...	366 C26H54	055282-12-7	90
2	Tridecane, 3-methyl-	198 C14H30	006418-41-3	87
3	2-methyloctacosane	408 C29H60	1000376-72-8	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	87
5	Docosane, 7-hexyl-	394 C28H58	055373-86-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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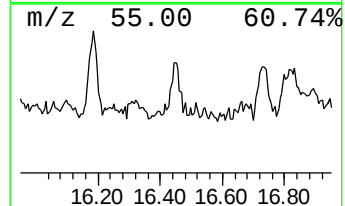
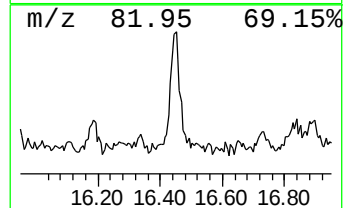
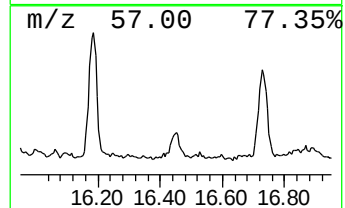
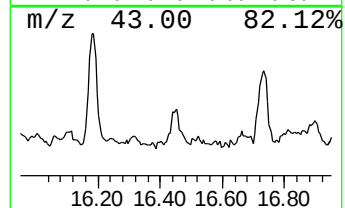
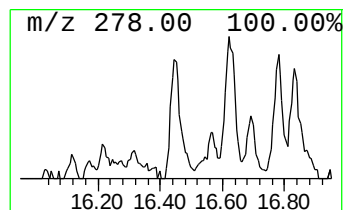
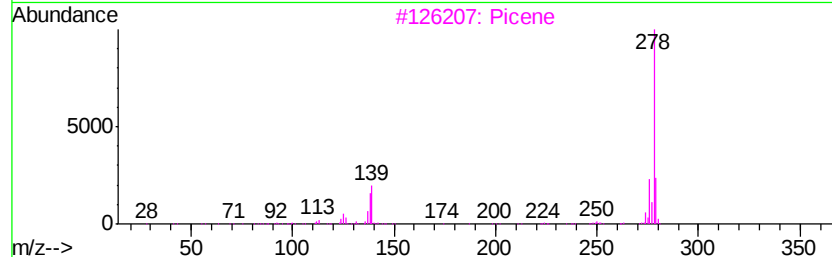
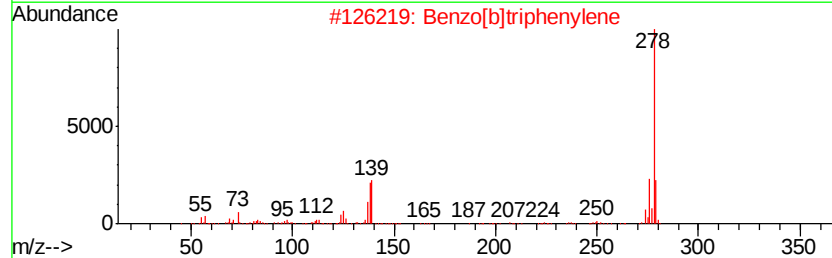
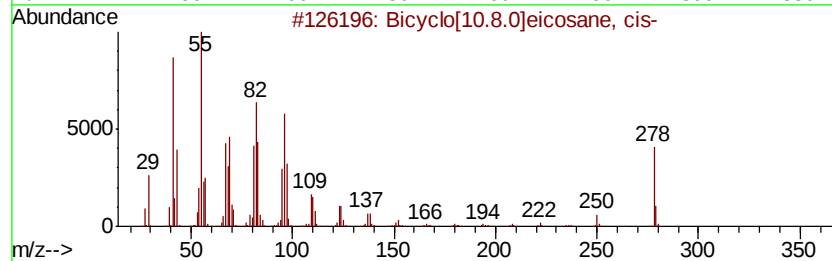
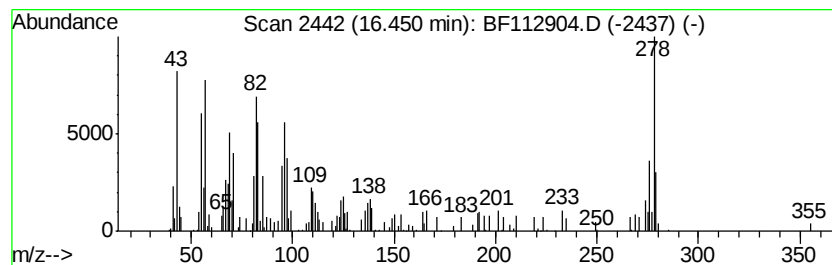
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.04 ng	152452	Perylene-d12	15.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[10.8.0]eicosane, cis-	278 C20H38	1000155-82-2 86
2		Benzo[b]triphenylene	278 C22H14	000215-58-7 50
3		Picene	278 C22H14	000213-46-7 46
4		Dibenz[a,h]anthracene	278 C22H14	000053-70-3 43
5		Benzo[b]chrysene	278 C22H14	000214-17-5 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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ClientSampleId :
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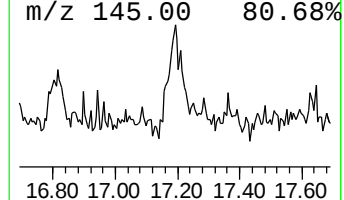
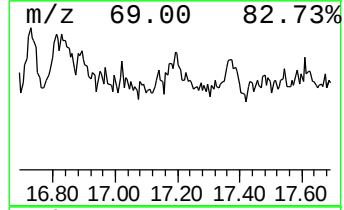
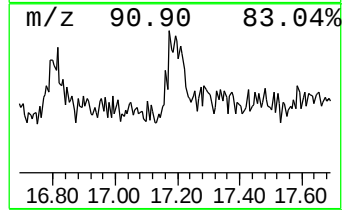
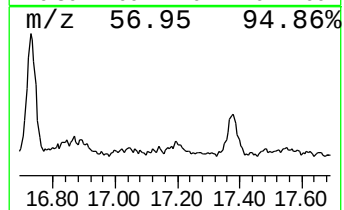
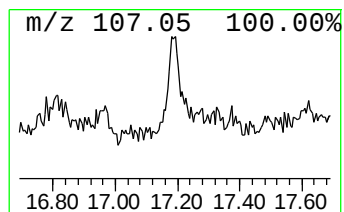
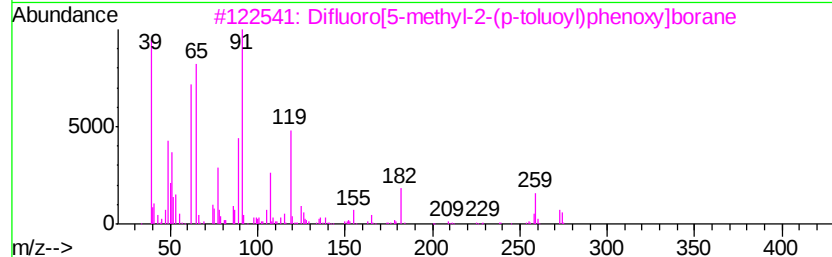
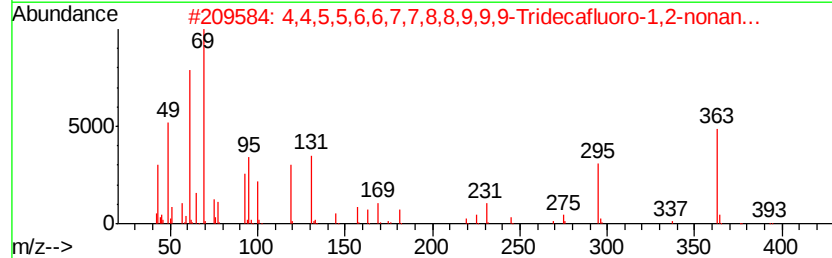
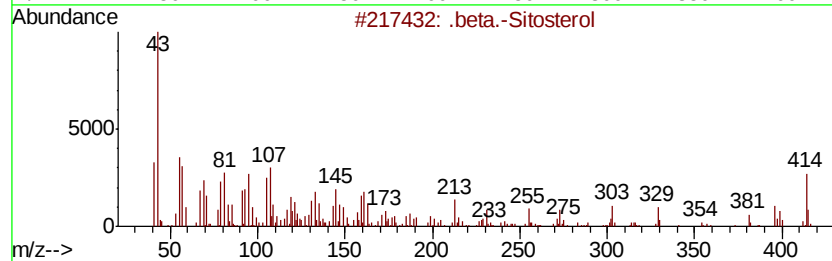
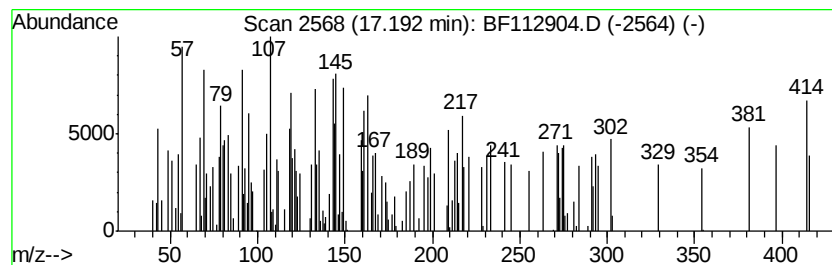
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.19 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	2.04 ng	152321	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	15
2		4,4,5,5,6,6,7,7,8,8,9,9,9-Tridec...	394	C9H7F13O2	107650-06-6	14
3		Difluoro[5-methyl-2-(p-toluoyl)p...	274	C15H13BF2O2	1000223-62-0	10
4		Oxazolidine, 2-isopropyl-4-[[[2-...	275	C16H21NO3	070687-97-7	10
5		Carbonic acid, chloromethyl (4-m...	200	C9H9ClO3	132905-79-4	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112904.D
Acq On : 7 Mar 2019 2:05
Operator : JU/SJ
Sample : K1705-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW010-022719

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
unknown6.50	6.50	58.0	ng	3422490	1	6.73	1179520	20.0
n-Hexadecanoic acid	11.77	5.8	ng	396621	4	11.24	1367380	20.0
Tricosyl trifluor...	13.73	3.5	ng	335539	5	13.86	1946540	20.0
Heptadecane	14.35	4.4	ng	427120	5	13.86	1946540	20.0
Hexacosane	14.64	3.6	ng	266453	6	15.26	1491830	20.0
Pentadecane, 8-he...	14.96	6.8	ng	504173	6	15.26	1491830	20.0
Cyclopentadecane	14.99	5.0	ng	376006	6	15.26	1491830	20.0
Heneicosane	15.72	7.0	ng	519965	6	15.26	1491830	20.0
Octadecane, 3-eth...	16.19	2.9	ng	214292	6	15.26	1491830	20.0
Bicyclo[10.8.0]ei...	16.45	2.0	ng	152452	6	15.26	1491830	20.0
unknown17.19	17.19	2.0	ng	152321	6	15.26	1491830	20.0