

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112900.D
 Acq On : 7 Mar 2019 00:15
 Operator : JU/SJ
 Sample : K1705-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW004-022719

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	5.340	548	553	556	rBV	3835541	3793636	95.36%	8.034%
2	6.016	665	668	671	rBV	67745	56143	1.41%	0.119%
3	6.369	722	728	734	rBV	3685890	3899407	98.02%	8.258%
4	6.440	737	740	746	rVB	117985	105726	2.66%	0.224%
5	6.498	746	750	754	rBV	4211679	3978222	100.00%	8.425%
6	6.728	786	789	793	rBV	1384015	1191830	29.96%	2.524%
7	6.887	812	816	819	rBV	3562548	3067793	77.11%	6.497%
8	7.287	879	884	887	rBV	2528378	2407146	60.51%	5.098%
9	7.716	952	957	960	rBV	43155	52129	1.31%	0.110%
10	8.010	1003	1007	1014	rBV	1398051	1350222	33.94%	2.859%
11	8.063	1014	1016	1025	rVB3	36522	72959	1.83%	0.155%
12	8.410	1070	1075	1084	rVB	32276	59576	1.50%	0.126%
13	9.087	1186	1190	1201	rBV	4147154	3772809	94.84%	7.990%
14	9.428	1244	1248	1251	rBV	144242	118038	2.97%	0.250%
15	9.481	1252	1257	1264	rVV	208063	220847	5.55%	0.468%
16	9.757	1300	1304	1314	rBV	1356498	1393385	35.03%	2.951%
17	10.539	1433	1437	1450	rBV	2317747	2421172	60.86%	5.127%
18	11.233	1552	1555	1558	rBV	1374517	1286599	32.34%	2.725%
19	11.775	1643	1647	1656	rBV2	886885	1020016	25.64%	2.160%
20	12.051	1692	1694	1700	rVB	51168	52899	1.33%	0.112%
21	12.439	1756	1760	1765	rBV	515426	491744	12.36%	1.041%
22	12.480	1765	1767	1773	rVV6	46658	82303	2.07%	0.174%
23	12.557	1776	1780	1793	rVV2	424316	672469	16.90%	1.424%
24	12.669	1793	1799	1804	rVB	430048	489846	12.31%	1.037%
25	12.816	1820	1824	1832	rVB	3712346	3458715	86.94%	7.324%
26	12.886	1832	1836	1840	rBV2	42089	58493	1.47%	0.124%
27	13.063	1861	1866	1869	rBV3	69058	85294	2.14%	0.181%
28	13.098	1869	1872	1874	rBV2	57388	56204	1.41%	0.119%
29	13.186	1884	1887	1890	rVB2	47021	46016	1.16%	0.097%
30	13.304	1899	1907	1910	rBV5	94404	162554	4.09%	0.344%
31	13.339	1910	1913	1918	rBV4	49905	91003	2.29%	0.193%
32	13.498	1937	1940	1946	rVB	69887	92066	2.31%	0.195%
33	13.574	1950	1953	1956	rVV3	116355	123515	3.10%	0.262%
34	13.610	1956	1959	1962	rVV2	60905	75508	1.90%	0.160%

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35	13.663	1966	1968	1972	rVV3	91276	105518	2.65%	0.223%
36	13.727	1976	1979	1986	rVB	636166	763093	19.18%	1.616%
37	13.857	1995	2001	2004	rBV2	3241276	3379246	84.94%	7.156%
38	13.886	2004	2006	2012	rVB	326370	304870	7.66%	0.646%
39	13.939	2012	2015	2017	rBV4	43344	49247	1.24%	0.104%
40	14.045	2029	2033	2036	rBV2	191461	183624	4.62%	0.389%
41	14.280	2070	2073	2076	rVB2	65086	65108	1.64%	0.138%
42	14.345	2081	2084	2086	rBV	289308	299129	7.52%	0.633%
43	14.539	2115	2117	2120	rBV4	41690	54570	1.37%	0.116%
44	14.639	2131	2134	2138	rVB	354050	334906	8.42%	0.709%
45	14.710	2143	2146	2150	rBV3	100765	116804	2.94%	0.247%
46	14.774	2155	2157	2161	rVB2	88876	78787	1.98%	0.167%
47	14.868	2169	2173	2175	rBV	312156	442112	11.11%	0.936%
48	14.957	2184	2188	2192	rBV2	428948	505488	12.71%	1.070%
49	14.998	2192	2195	2203	rVV3	118206	186269	4.68%	0.394%
50	15.145	2217	2220	2226	rVB	189337	208635	5.24%	0.442%
51	15.204	2226	2230	2235	rVB	208983	236060	5.93%	0.500%
52	15.263	2235	2240	2244	rBV	1257870	1534782	38.58%	3.250%
53	15.316	2245	2249	2255	rVB	355724	467283	11.75%	0.990%
54	15.716	2313	2317	2322	rBV	347630	504364	12.68%	1.068%
55	15.780	2324	2328	2338	rVB3	151789	343609	8.64%	0.728%
56	16.186	2393	2397	2401	rBV	127252	184552	4.64%	0.391%
57	16.610	2466	2469	2477	rVB3	81442	153376	3.86%	0.325%
58	16.733	2487	2490	2495	rVB2	98798	146091	3.67%	0.309%
59	16.815	2499	2504	2512	rVV5	110246	267393	6.72%	0.566%

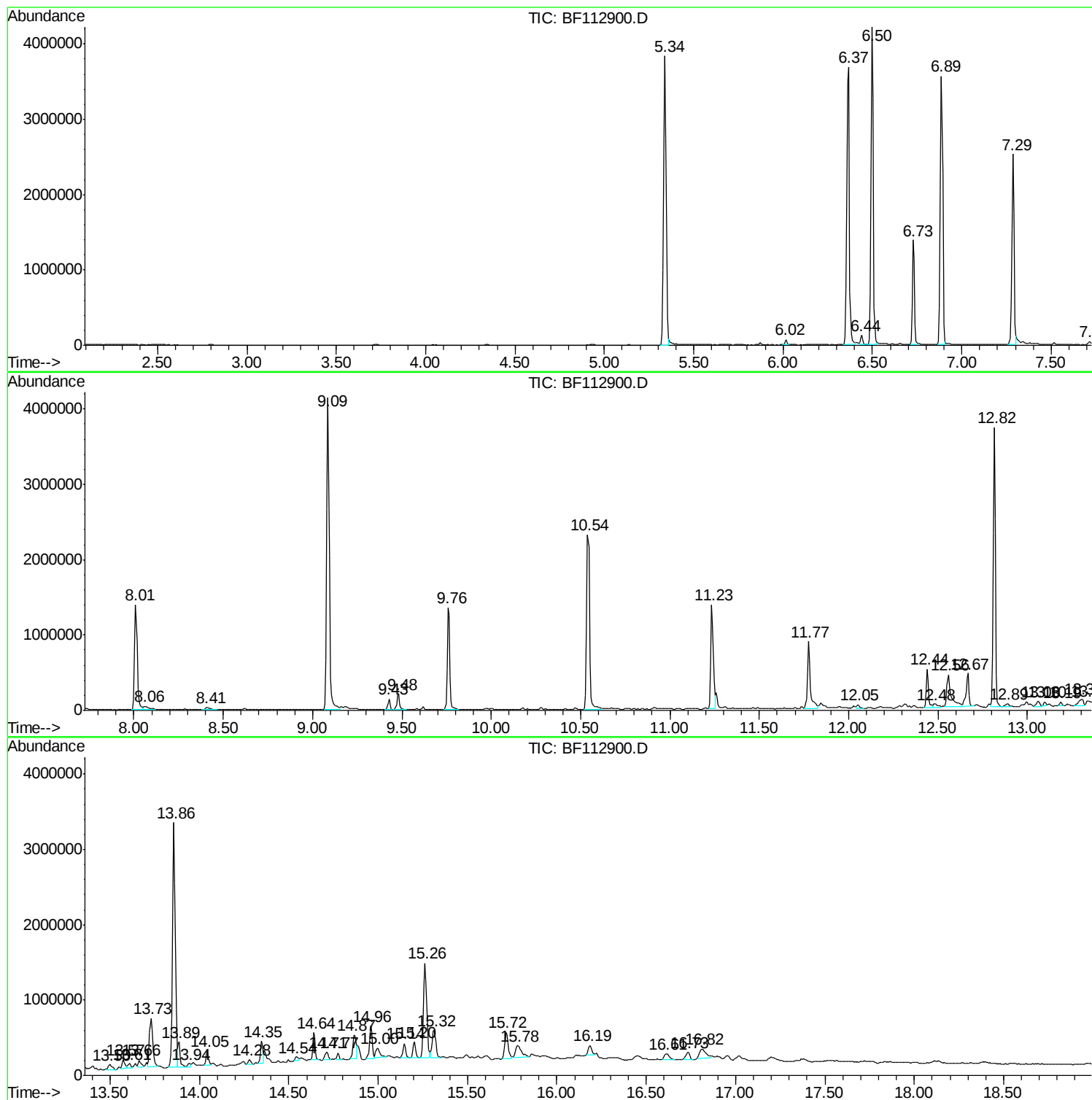
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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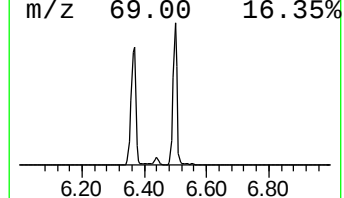
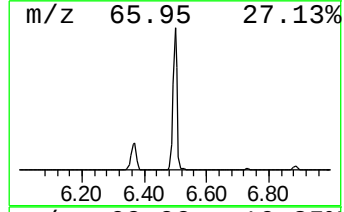
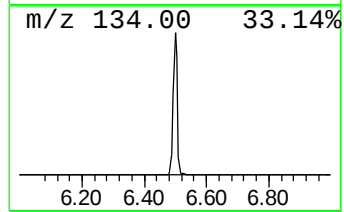
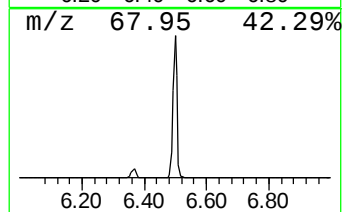
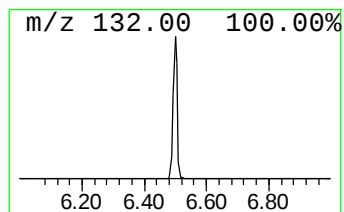
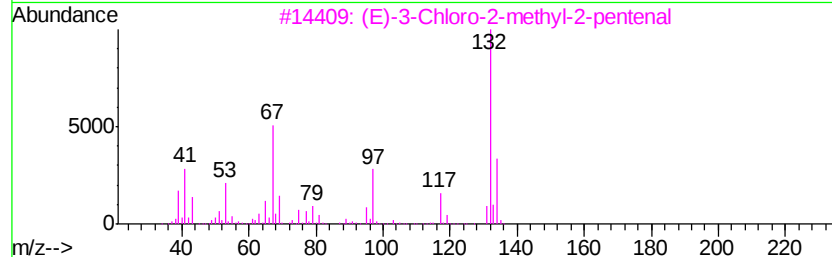
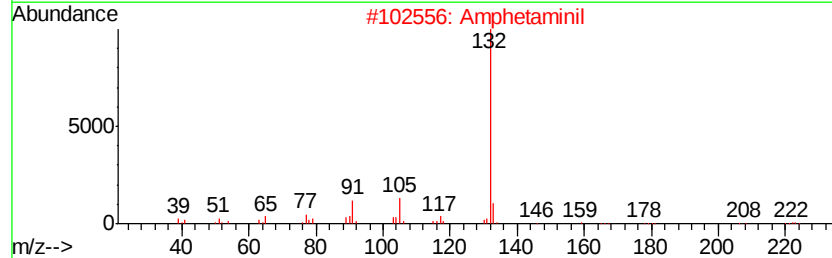
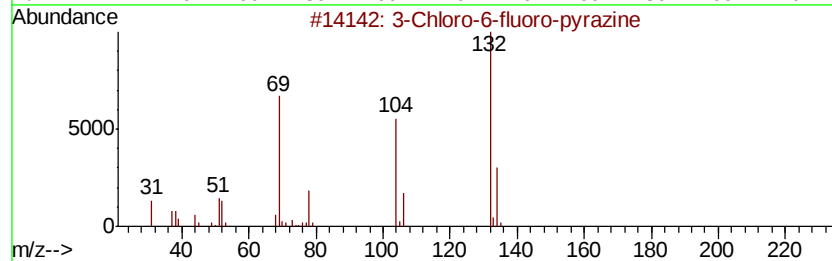
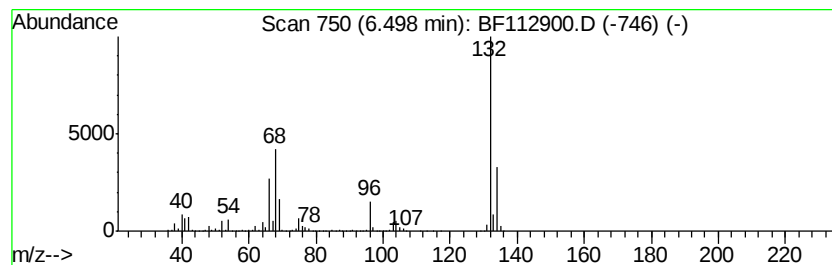
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	66.76 ng	3978220	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Amphetaminil	250	C17H18N2	017590-01-1	12
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4			5-Aminoindole	132	C8H8N2	005192-03-0	12
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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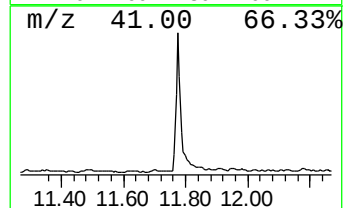
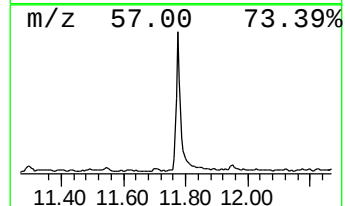
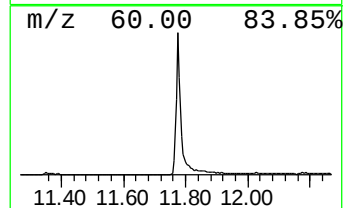
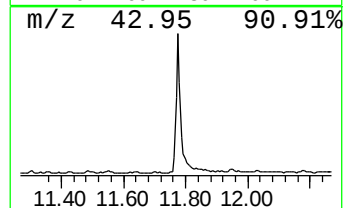
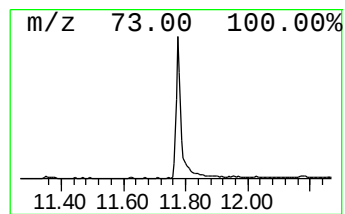
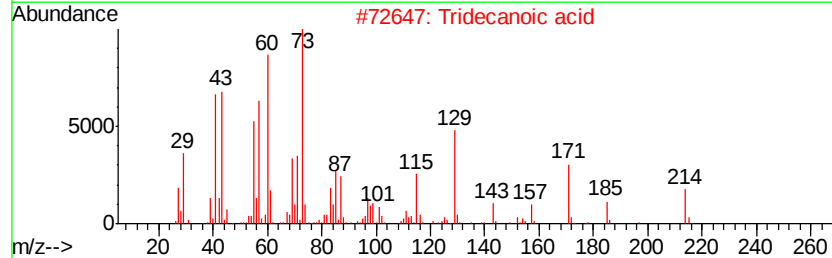
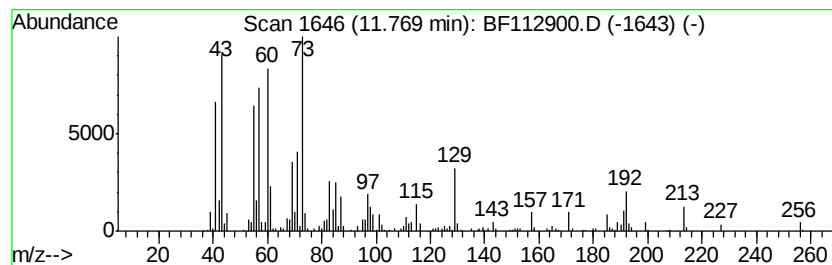
Instrument :
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ClientSampleId :
EXT-028-SW004-022719

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	15.86 ng	1020020	Phenanthrene-d10	11.23	
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	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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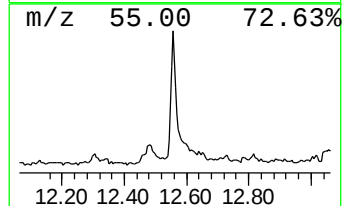
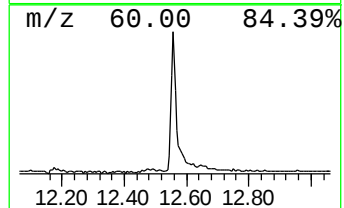
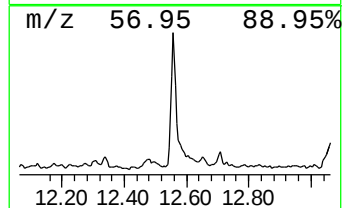
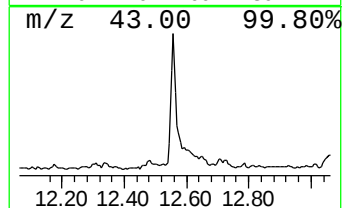
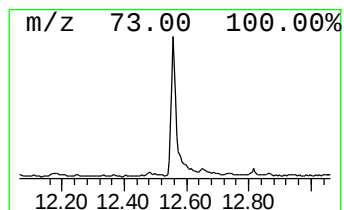
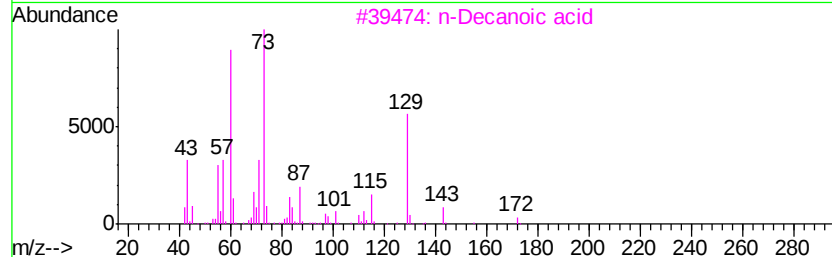
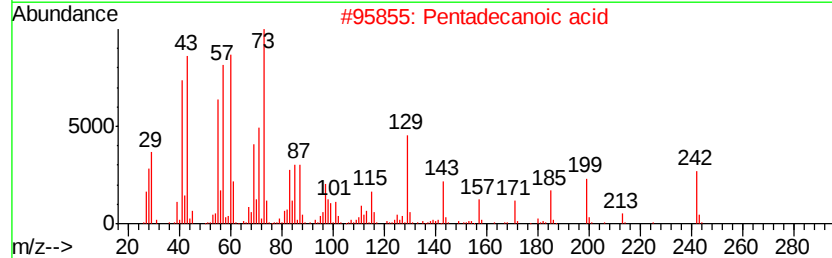
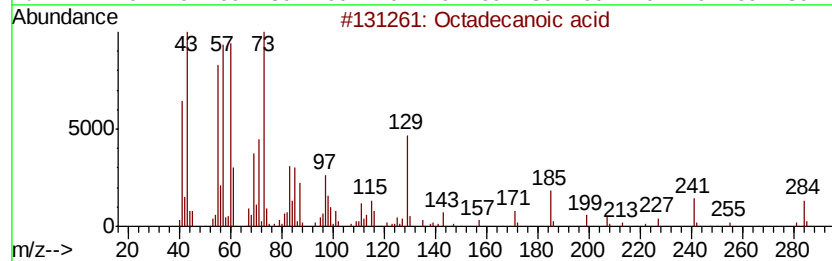
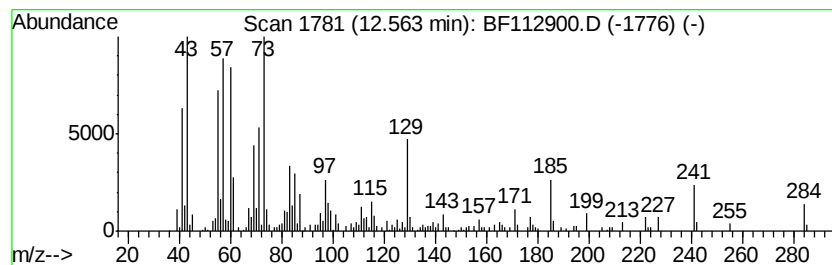
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.98 ng	672469	Chrysene-d12	13.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Decanoic acid	172	C10H20O2	000334-48-5	91
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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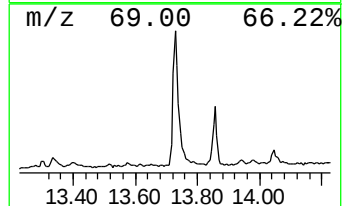
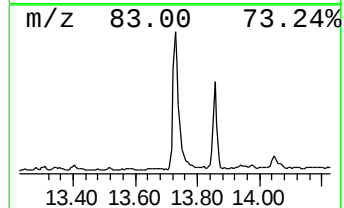
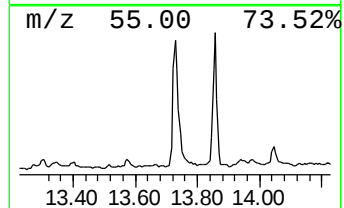
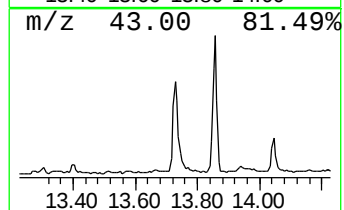
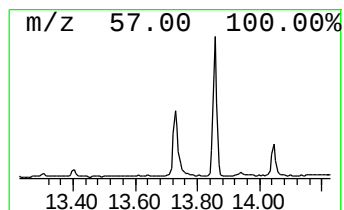
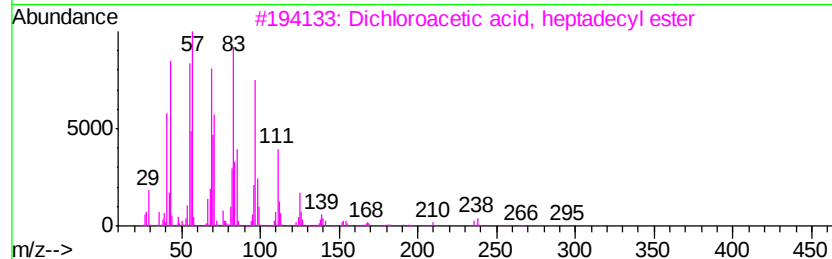
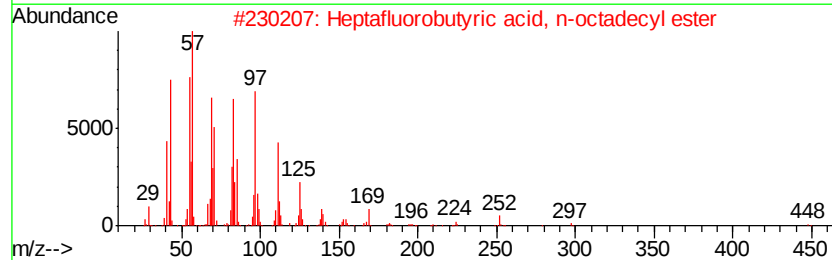
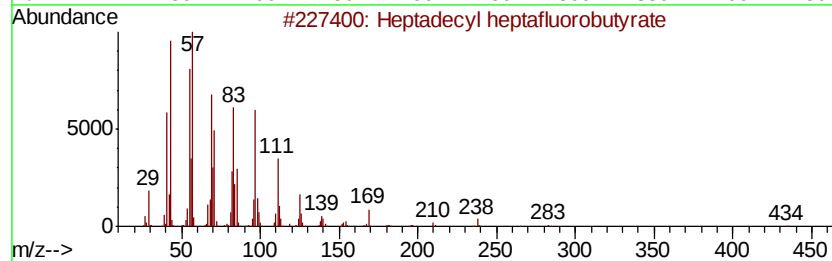
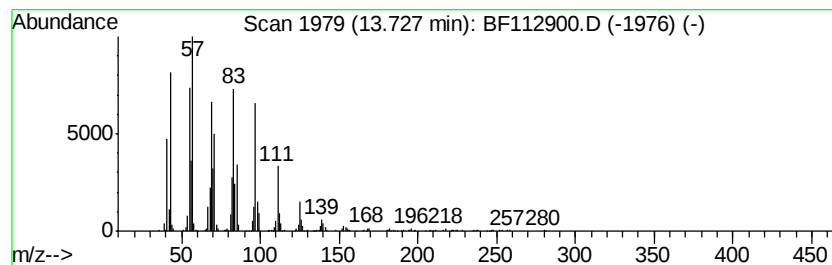
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	4.52 ng	763093	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94
3		Dichloroacetic acid, heptadecyl ester	366	C19H36Cl2O2	1000282-98-2	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91



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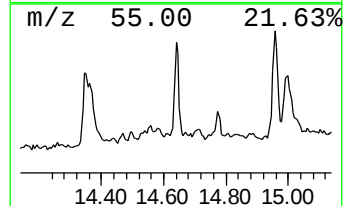
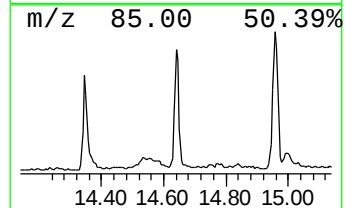
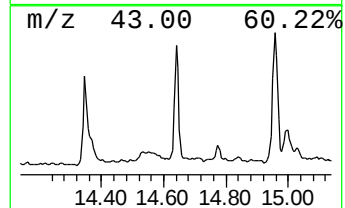
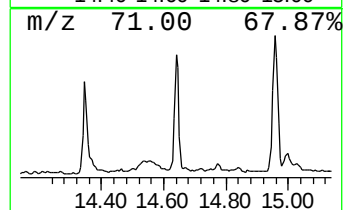
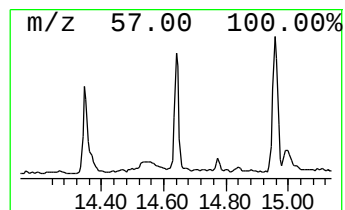
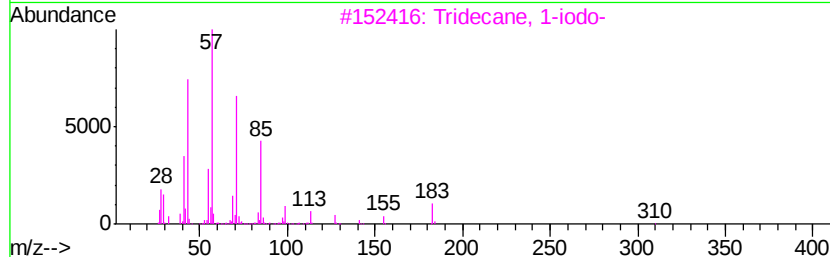
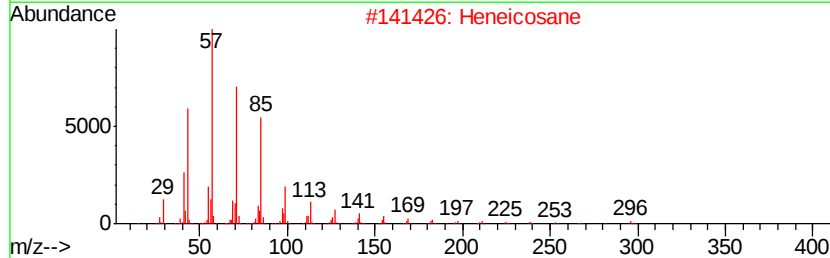
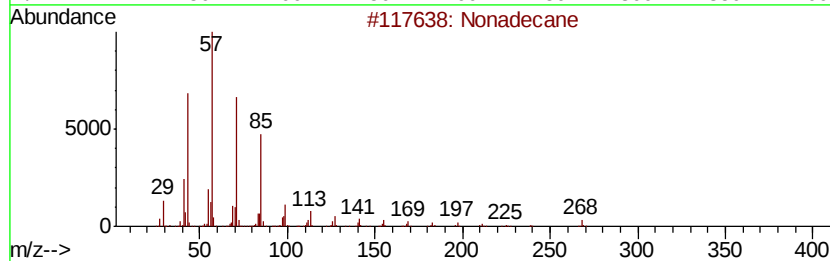
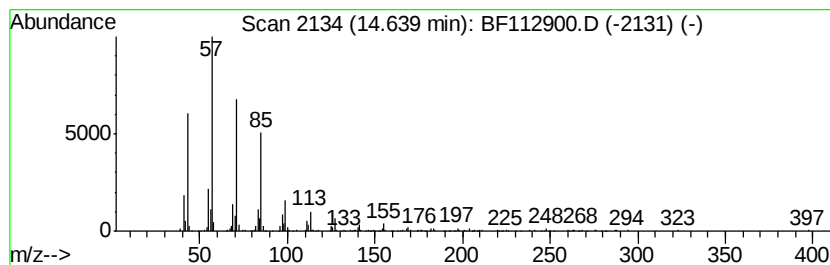
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.36 ng	334906	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112900.D
Acq On : 7 Mar 2019 00:15
Operator : JU/SJ
Sample : K1705-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EXT-028-SW004-022719

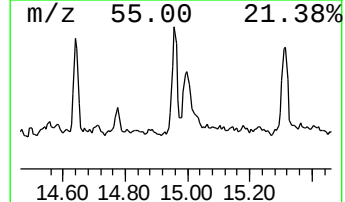
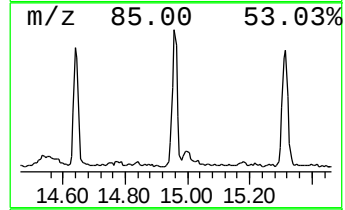
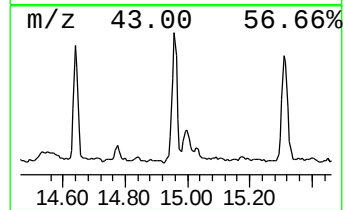
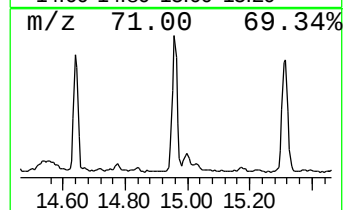
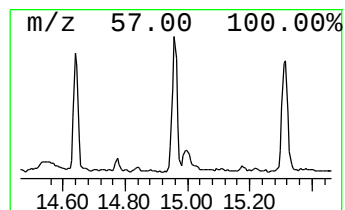
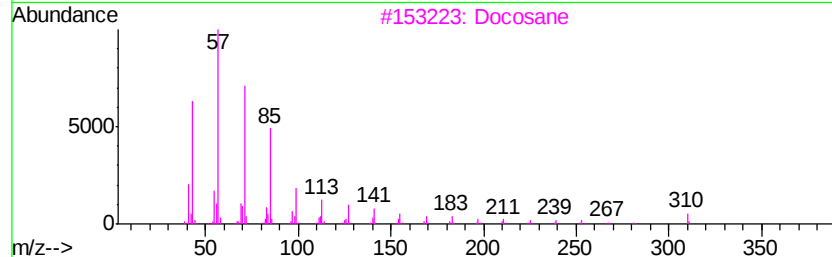
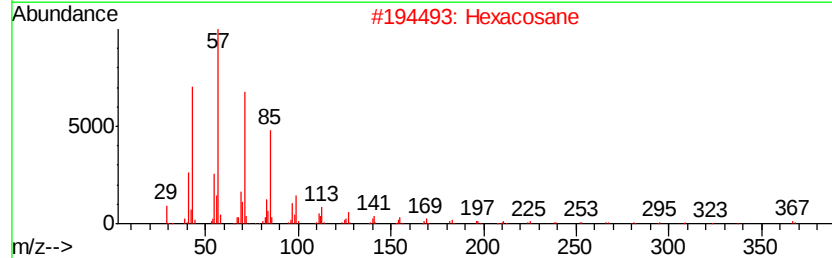
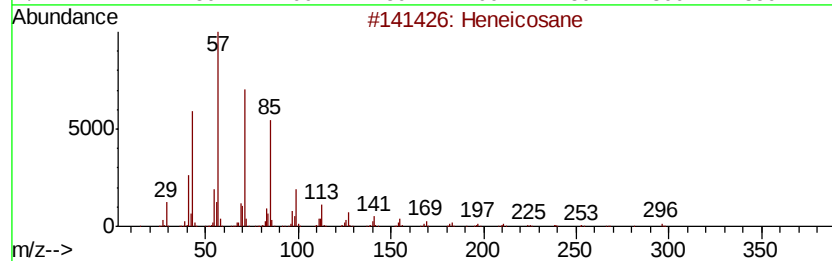
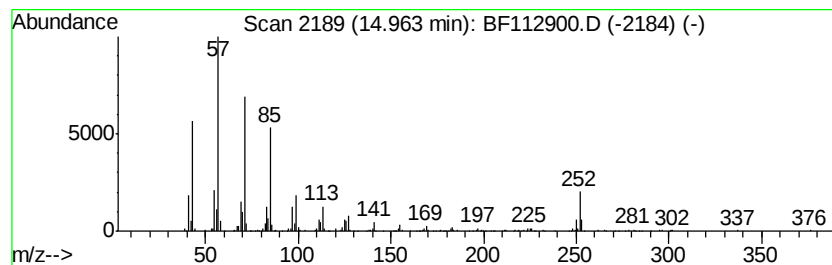
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.59 ng	505488	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Docosane	310	C22H46	000629-97-0	87
4		Eicosane	282	C20H42	000112-95-8	83
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112900.D
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Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
EXT-028-SW004-022719

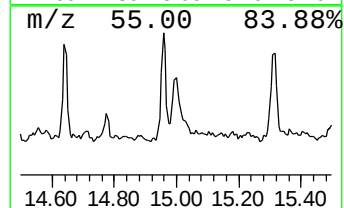
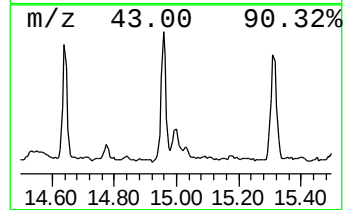
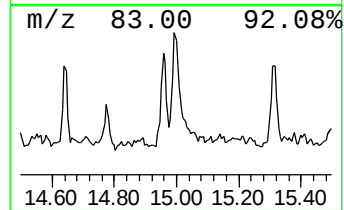
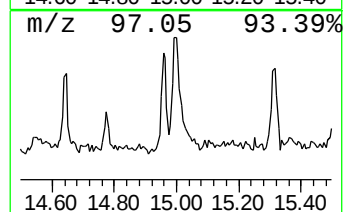
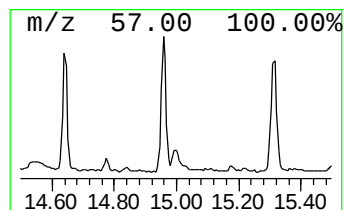
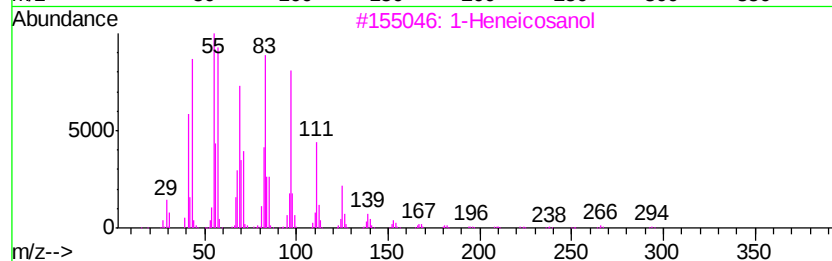
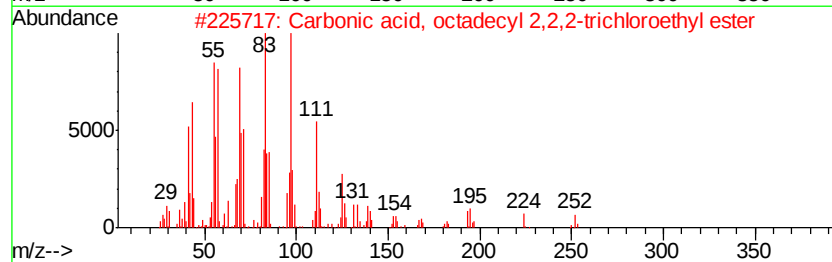
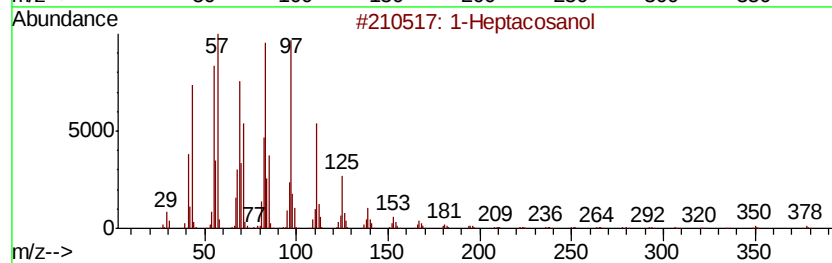
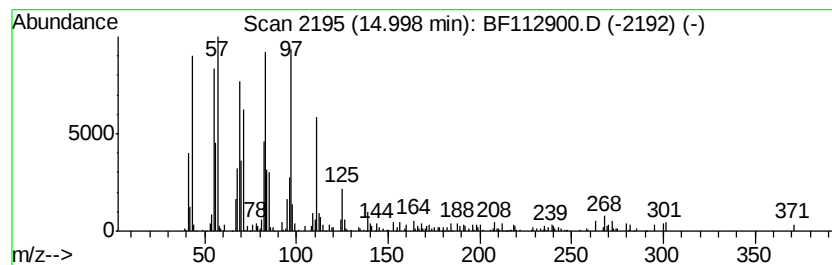
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heptacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	2.43 ng	186269	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	91
2	Carbonic acid, octadecyl 2,2,2-t...		444	C21H39Cl3O3	1000314-56-3	91
3	1-Heneicosanol		312	C21H44O	015594-90-8	87
4	Behenic alcohol		326	C22H46O	000661-19-8	83
5	Octacosanol		410	C28H58O	000557-61-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112900.D
Acq On : 7 Mar 2019 00:15
Operator : JU/SJ
Sample : K1705-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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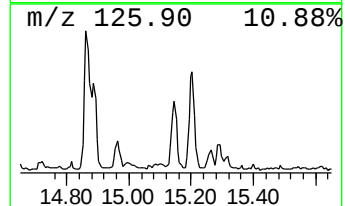
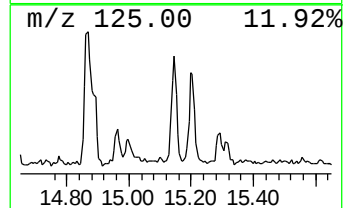
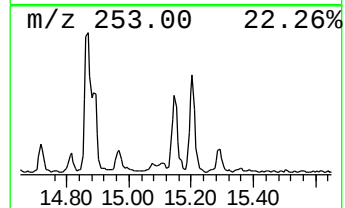
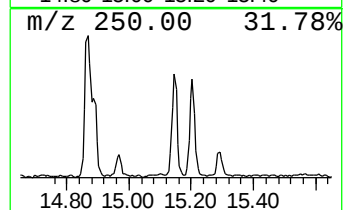
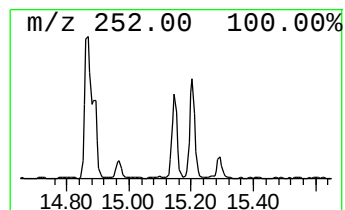
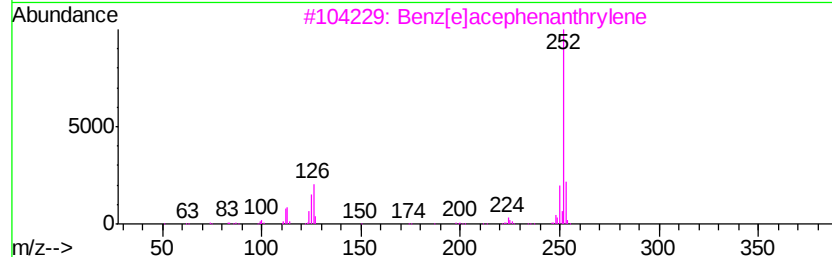
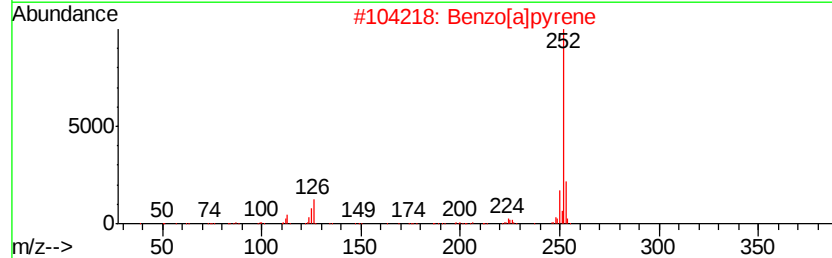
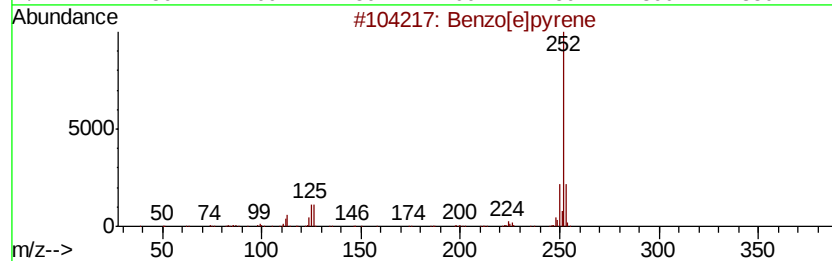
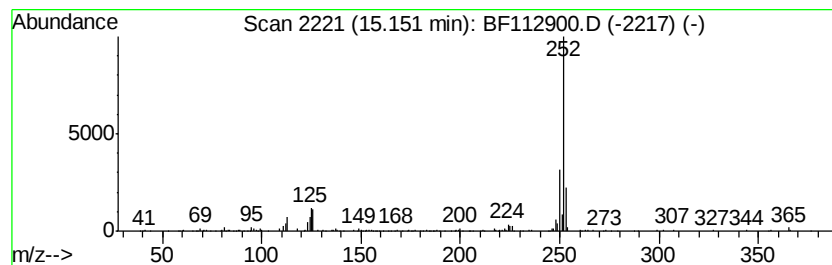
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.72 ng	208635	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112900.D
Acq On : 7 Mar 2019 00:15
Operator : JU/SJ
Sample : K1705-03
Misc :
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Instrument :
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EXT-028-SW004-022719

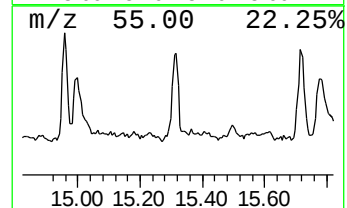
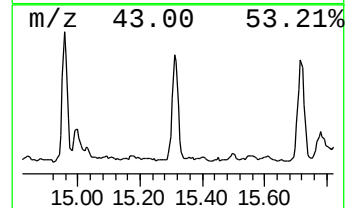
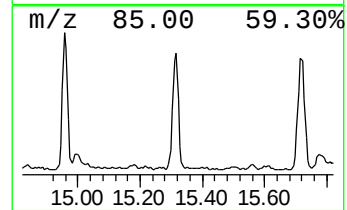
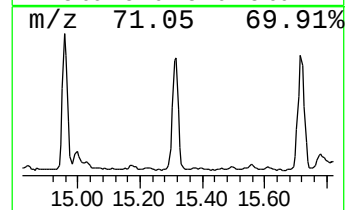
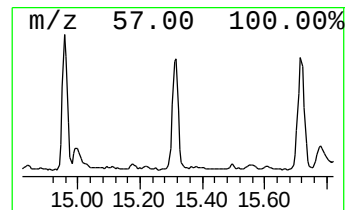
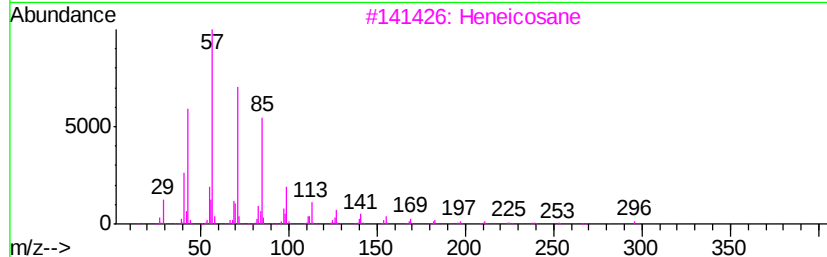
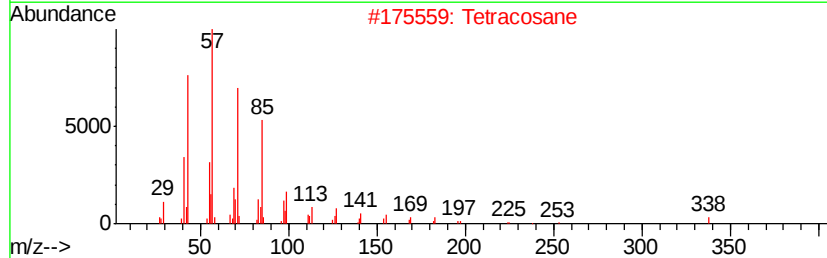
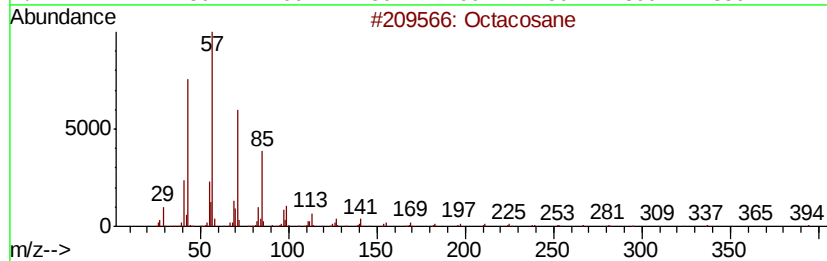
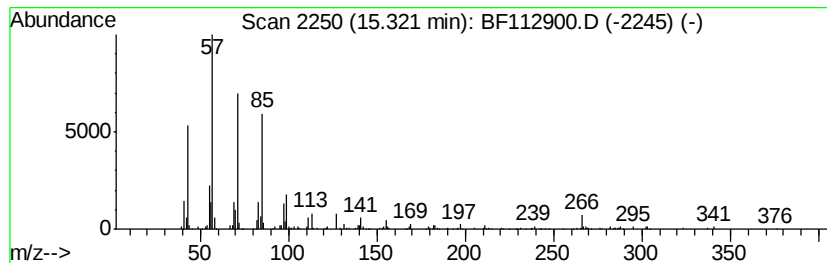
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.09 ng	467283	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonadecane	268	C19H40	000629-92-5	89
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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Sample : K1705-03
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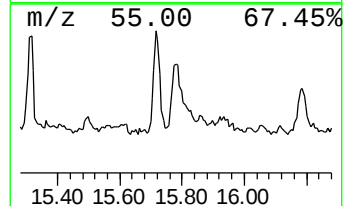
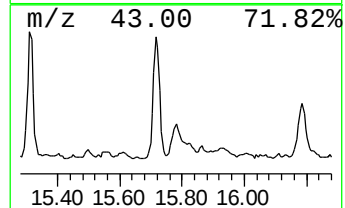
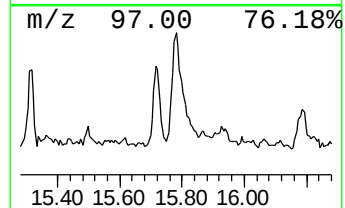
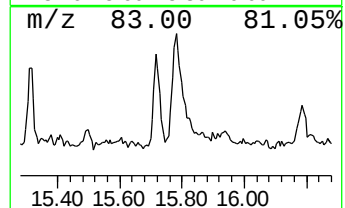
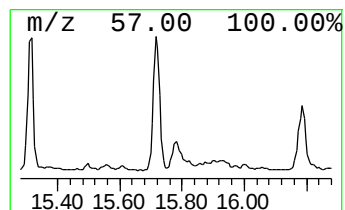
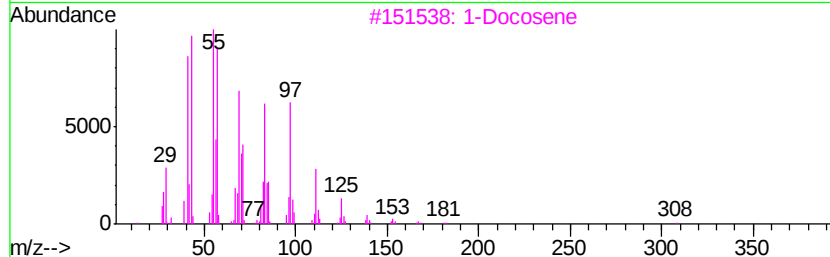
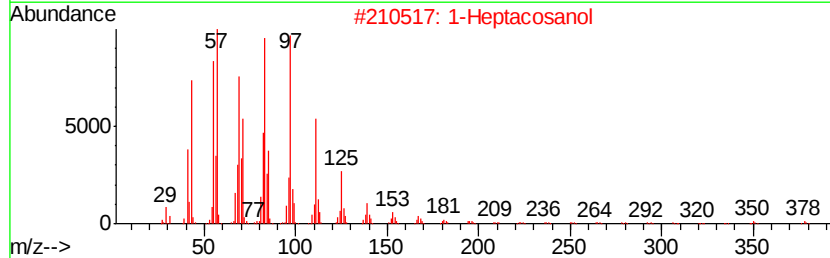
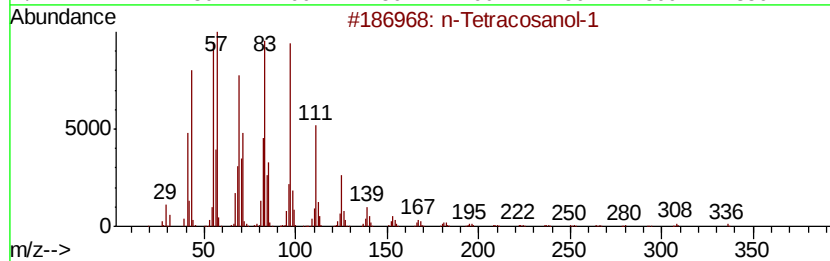
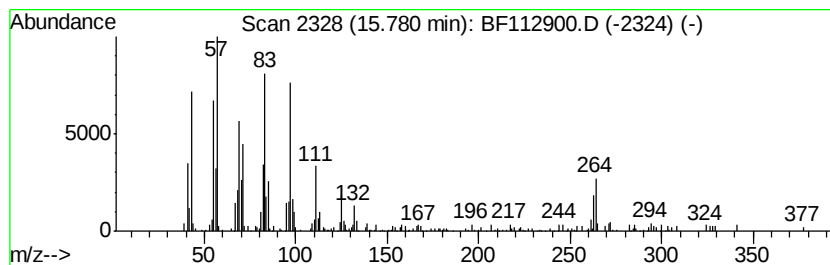
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	4.48 ng	343609	Perylene-d12	15.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Tetracosanol-1	354 C24H50O	000506-51-4 91
2		1-Heptacosanol	396 C27H56O	002004-39-9 87
3		1-Docosene	308 C22H44	001599-67-3 83
4		Behenic alcohol	326 C22H46O	000661-19-8 64
5		Eicosyl trifluoroacetate	394 C22H41F3O2	1000351-75-2 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112900.D
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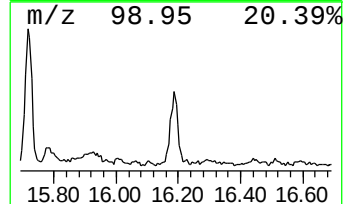
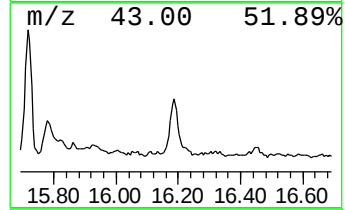
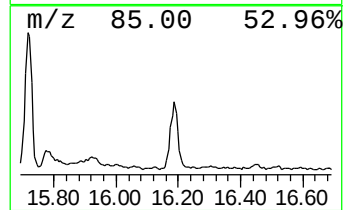
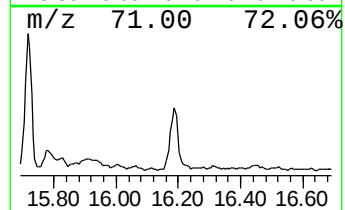
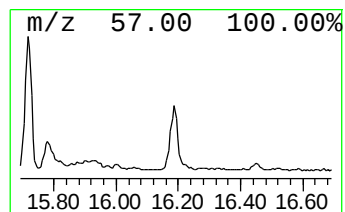
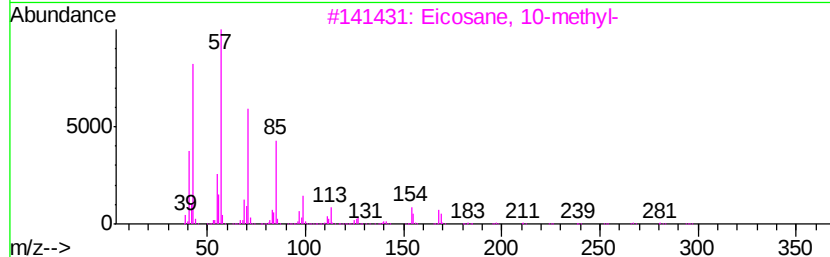
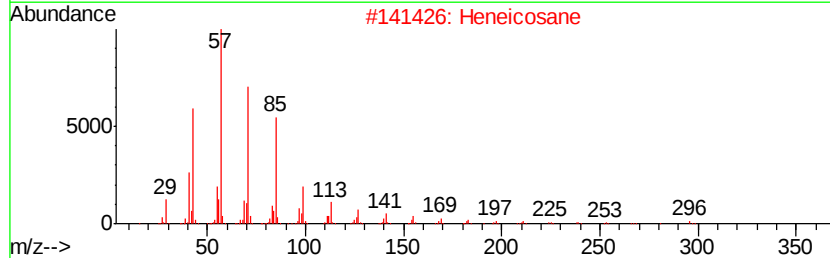
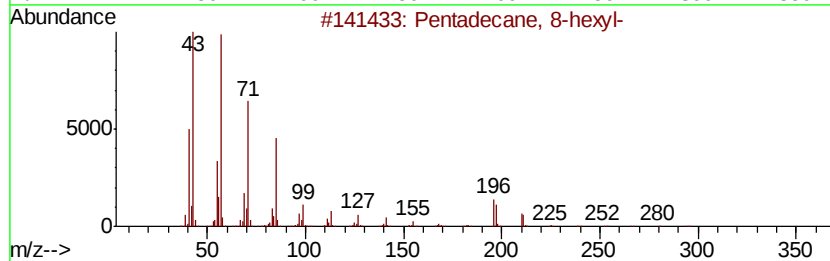
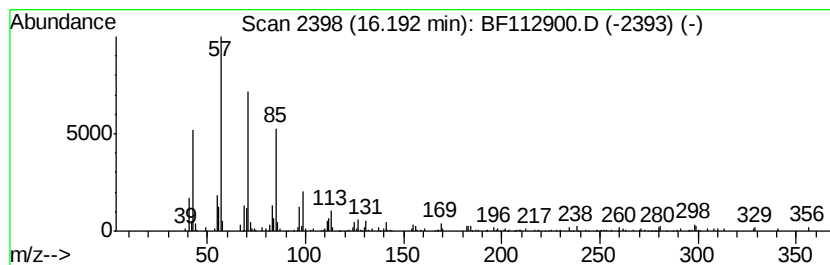
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 8-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.40 ng	184552	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Heneicosane	296	C21H44	000629-94-7	87
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4		Octacosane	394	C28H58	000630-02-4	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
EXT-028-SW004-022719

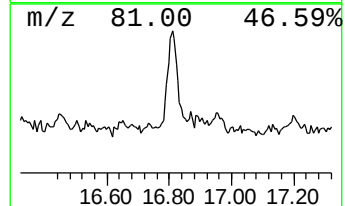
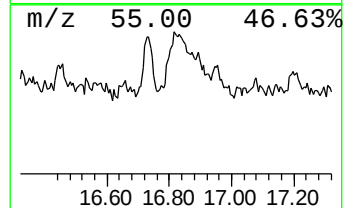
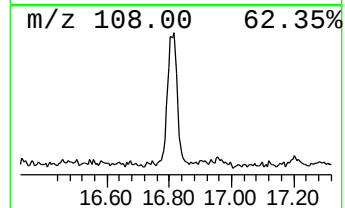
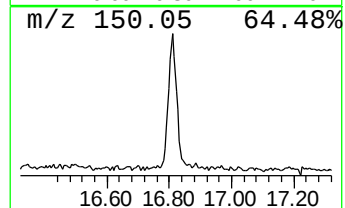
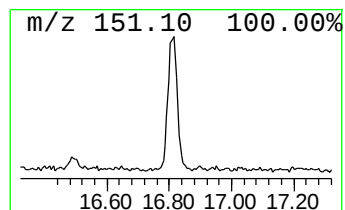
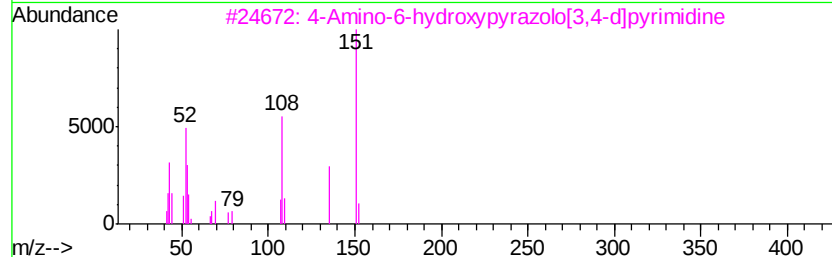
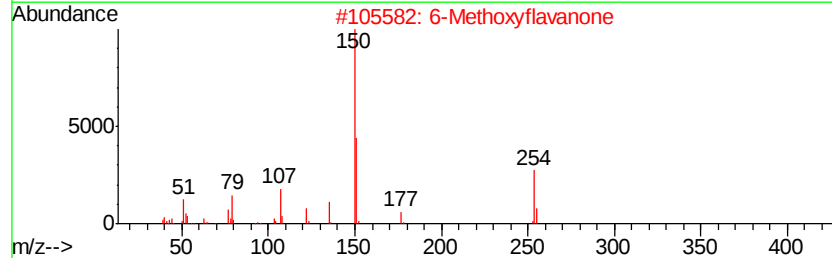
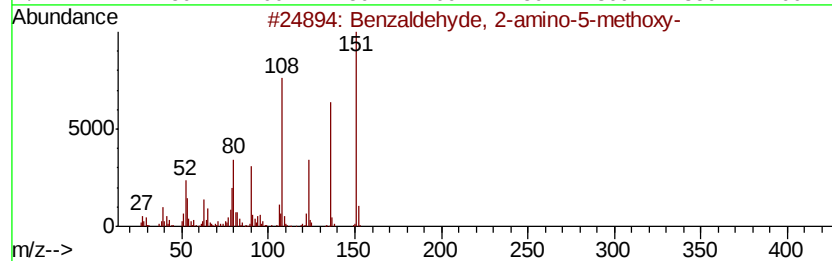
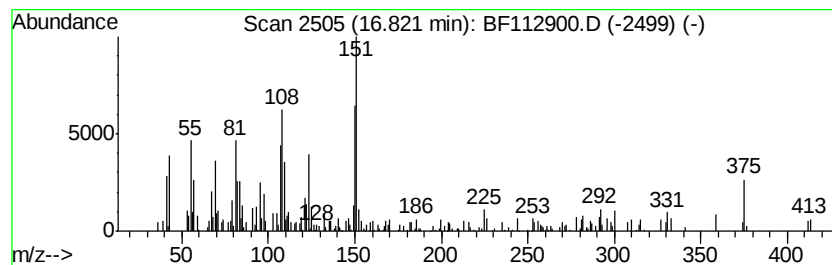
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.82 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.48 ng	267393	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 2-amino-5-methoxy-	151	C8H9NO2	026831-52-7	38
2		6-Methoxyflavanone	254	C16H14O3	003034-04-6	38
3		4-Amino-6-hydroxypyrazolo[3,4-d]...	151	C5H5N5O	005472-41-3	35
4		Benzenepropanenitrile, 3,4-dimet...	191	C11H13NO2	049621-56-9	35
5		6-Methyltetrazolo[1,5-c]pyrimidi...	151	C5H5N5O	144877-40-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112900.D
 Acq On : 7 Mar 2019 00:15
 Operator : JU/SJ
 Sample : K1705-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW004-022719

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	66.8	ng	3978220	1	6.73	1191830	20.0
n-Hexadecanoic acid	11.77	15.9	ng	1020020	4	11.23	1286600	20.0
Octadecanoic acid	12.56	4.0	ng	672469	5	13.86	3379250	20.0
Heptadecyl heptaf...	13.73	4.5	ng	763093	5	13.86	3379250	20.0
Nonadecane	14.64	4.4	ng	334906	6	15.26	1534780	20.0
Heneicosane	14.96	6.6	ng	505488	6	15.26	1534780	20.0
1-Heptacosanol	15.00	2.4	ng	186269	6	15.26	1534780	20.0
Benzo[e]pyrene	15.15	2.7	ng	208635	6	15.26	1534780	20.0
Octacosane	15.32	6.1	ng	467283	6	15.26	1534780	20.0
n-Tetracosanol-1	15.78	4.5	ng	343609	6	15.26	1534780	20.0
Pentadecane, 8-he...	16.19	2.4	ng	184552	6	15.26	1534780	20.0
unknown16.82	16.82	3.5	ng	267393	6	15.26	1534780	20.0