

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070819\
 Data File : BF115426.D
 Acq On : 9 Jul 2019 00:44
 Operator : HP/JU
 Sample : K3681-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-07-01-19

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-BF070519.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	2.205	14	20	26	rVB	1385394	1810157	39.39%	3.843%
2	5.516	577	583	586	rBV	3735317	3706437	80.65%	7.868%
3	6.516	747	753	756	rBV	3486395	4064915	88.45%	8.629%
4	6.663	773	778	781	rBV	4096945	4064530	88.44%	8.629%
5	6.893	813	817	820	rBV	1416697	1095423	23.84%	2.325%
6	7.051	840	844	847	rBV	3638679	3141857	68.37%	6.670%
7	7.451	906	912	915	rBV	2763707	2576073	56.05%	5.469%
8	8.175	1031	1035	1038	rBV	1804029	1469036	31.97%	3.119%
9	9.251	1213	1218	1221	rBV	5006970	4595628	100.00%	9.756%
10	9.634	1280	1283	1290	rVB	591648	528319	11.50%	1.122%
11	9.928	1329	1333	1337	rBV	2123157	1748387	38.04%	3.712%
12	10.710	1462	1466	1470	rBV	2772397	2671912	58.14%	5.672%
13	11.410	1581	1585	1587	rBV	2147152	1809764	39.38%	3.842%
14	11.433	1587	1589	1592	rVV	392853	297719	6.48%	0.632%
15	11.480	1592	1597	1600	rVB	83048	88339	1.92%	0.188%
16	11.910	1665	1670	1672	rBV	71142	66900	1.46%	0.142%
17	11.933	1672	1674	1678	rVB2	113857	106629	2.32%	0.226%
18	12.022	1685	1689	1691	rBV2	83963	93915	2.04%	0.199%
19	12.222	1721	1723	1730	rVB3	50422	52158	1.13%	0.111%
20	12.457	1760	1763	1766	rBV	53666	50479	1.10%	0.107%
21	12.498	1766	1770	1774	rVV2	48337	67848	1.48%	0.144%
22	12.616	1787	1790	1794	rBV	625986	524915	11.42%	1.114%
23	12.845	1822	1829	1832	rBV	533114	552293	12.02%	1.172%
24	12.992	1850	1854	1857	rBV	4386502	4207634	91.56%	8.932%
25	13.069	1862	1867	1869	rBV2	41188	64014	1.39%	0.136%
26	13.174	1882	1885	1888	rVB	74233	72851	1.59%	0.155%
27	13.239	1891	1896	1898	rBV2	60243	85624	1.86%	0.182%
28	13.274	1899	1902	1905	rVB2	56605	54584	1.19%	0.116%
29	13.674	1968	1970	1975	rVB2	53305	67689	1.47%	0.144%
30	13.786	1985	1989	1992	rBV2	45633	72846	1.59%	0.155%
31	13.898	2002	2008	2024	rBV4	250583	557536	12.13%	1.184%
32	14.039	2027	2032	2035	rVV2	1531041	1606592	34.96%	3.411%
33	14.063	2035	2036	2042	rVB	257276	198398	4.32%	0.421%
34	14.210	2058	2061	2066	rVB2	67117	86397	1.88%	0.183%

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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

35	14.516	2111	2113	2116	rVB3	109193	83893	1.83%	0.178%
36	14.551	2116	2119	2120	rBV2	65657	66922	1.46%	0.142%
37	14.827	2163	2166	2169	rBV	103303	96337	2.10%	0.205%
38	14.904	2176	2179	2184	rVB	168462	176316	3.84%	0.374%
39	14.968	2188	2190	2196	rVB3	61915	67046	1.46%	0.142%
40	15.074	2205	2208	2212	rBV	195298	312432	6.80%	0.663%
41	15.168	2220	2224	2229	rBV2	197620	249676	5.43%	0.530%
42	15.380	2257	2260	2266	rVB	130873	165654	3.60%	0.352%
43	15.445	2267	2271	2275	rVV	159253	191806	4.17%	0.407%
44	15.510	2277	2282	2286	rVV	982705	1219485	26.54%	2.589%
45	15.551	2286	2289	2297	rVB2	230820	339821	7.39%	0.721%
46	15.998	2360	2365	2371	rBV	273016	408272	8.88%	0.867%
47	16.510	2447	2452	2463	rVB	213526	395473	8.61%	0.840%
48	16.974	2526	2531	2539	rVB2	78937	169191	3.68%	0.359%
49	17.115	2550	2555	2565	rVB2	168791	338321	7.36%	0.718%
50	17.415	2602	2606	2617	rVB	58377	130325	2.84%	0.277%
51	17.833	2672	2677	2686	rVB	114534	280662	6.11%	0.596%
52	18.686	2818	2822	2834	rVB3	61092	155506	3.38%	0.330%

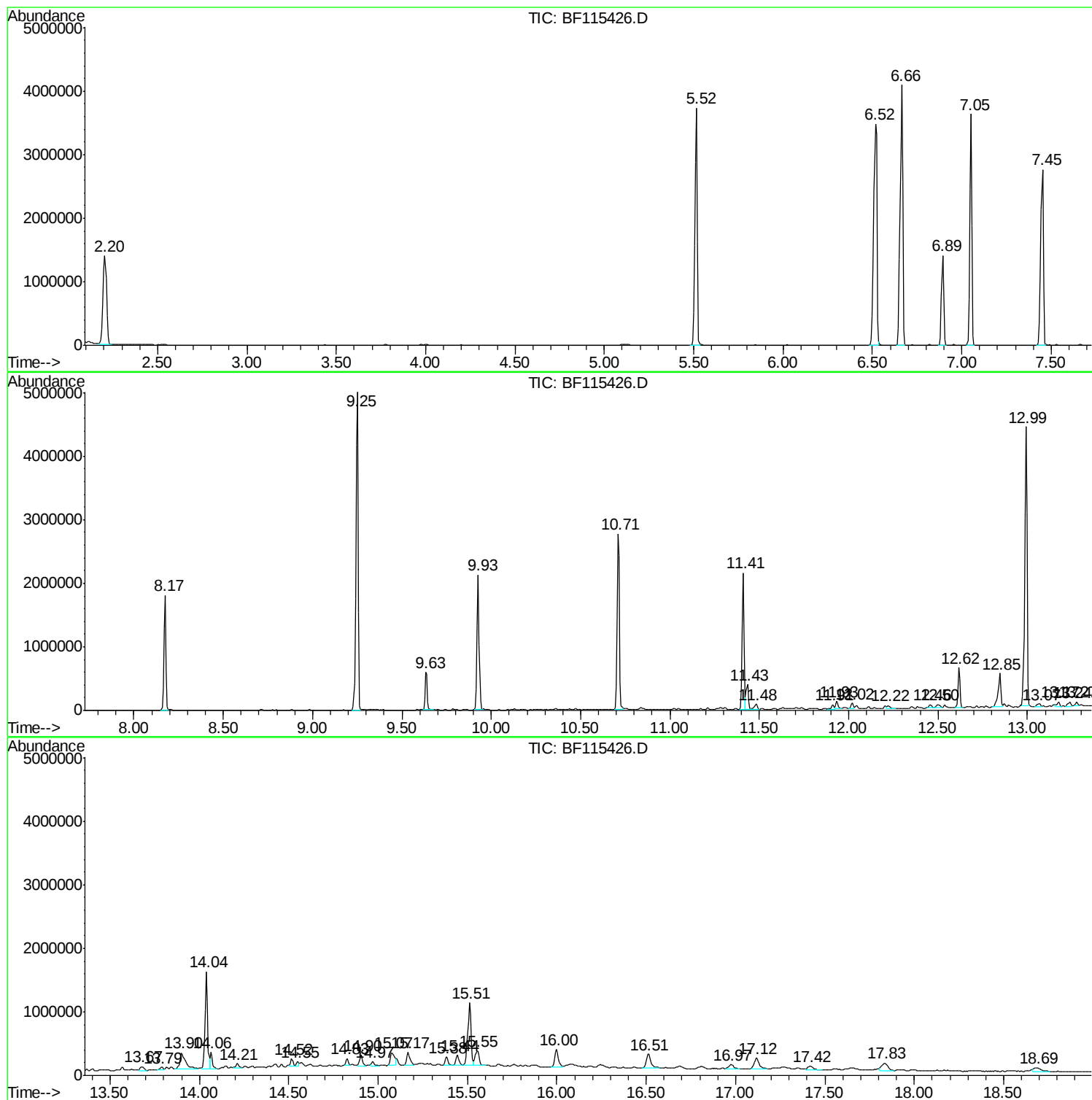
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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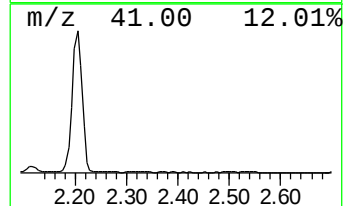
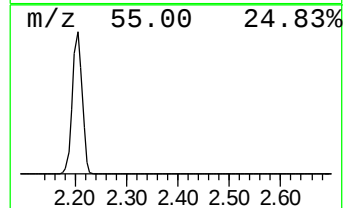
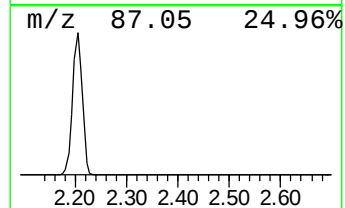
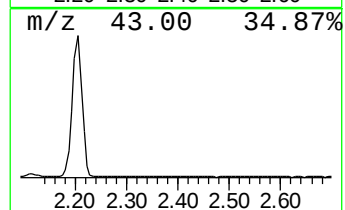
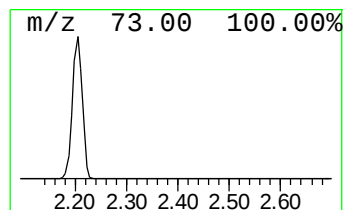
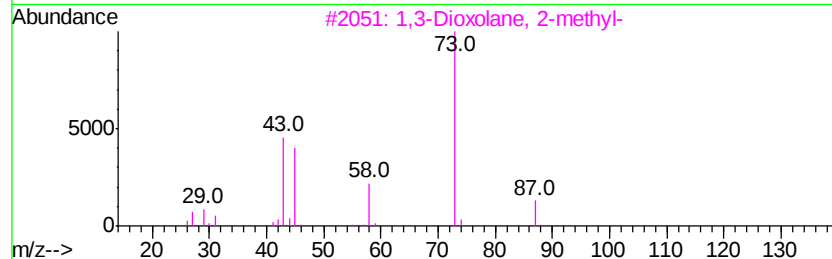
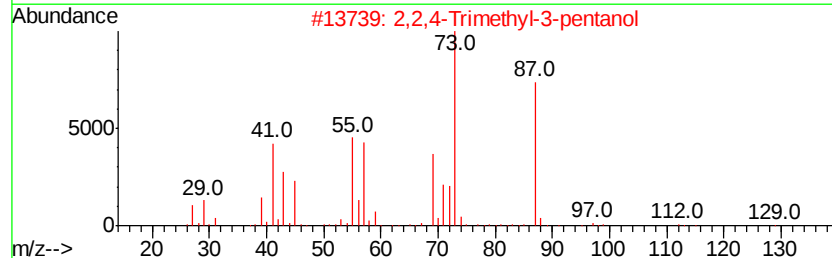
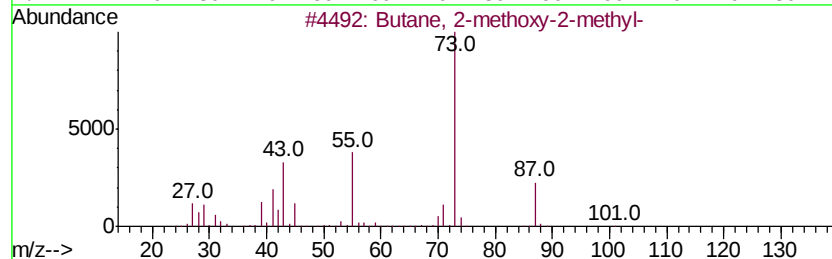
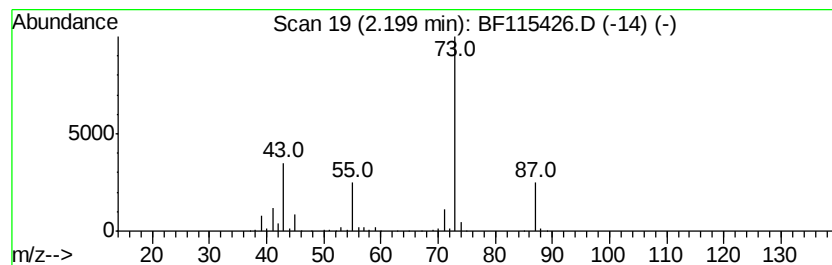
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	33.05 ng	1810160	1,4-Dichlorobenzene-d4	6.89

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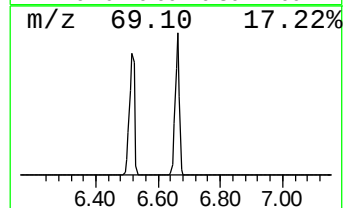
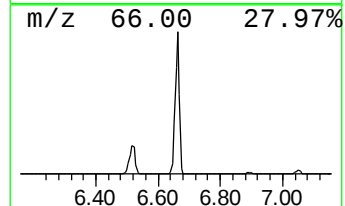
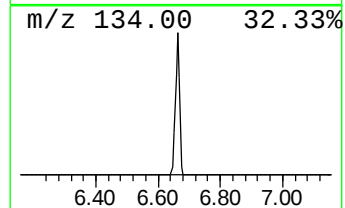
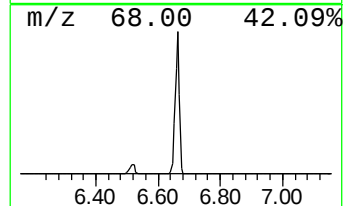
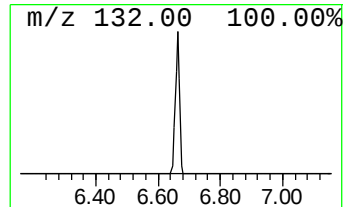
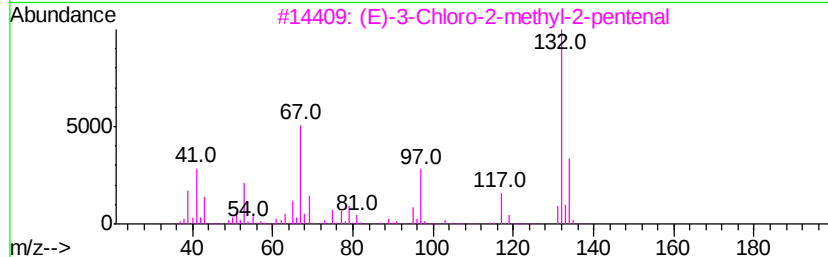
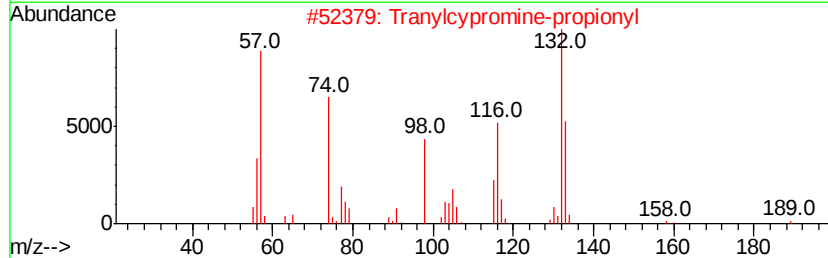
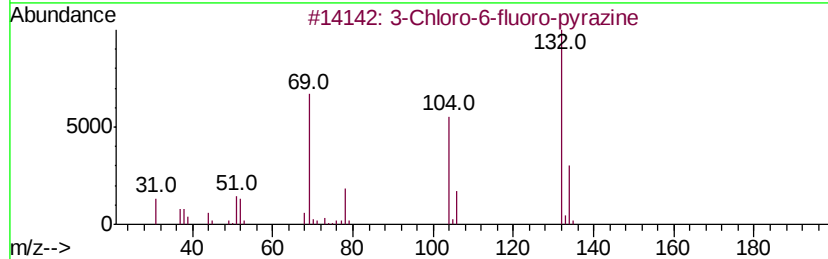
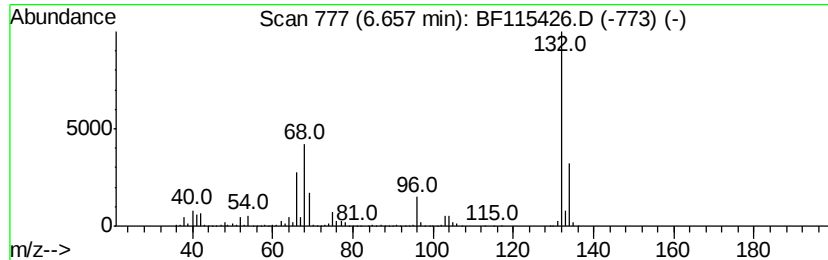
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	74.21 ng	4064530	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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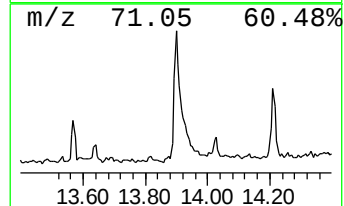
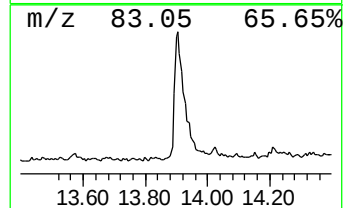
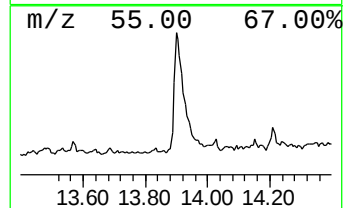
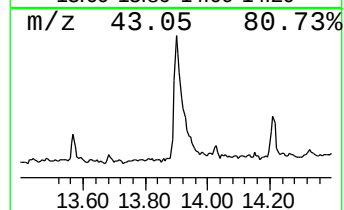
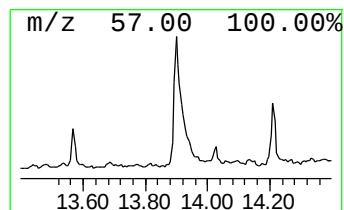
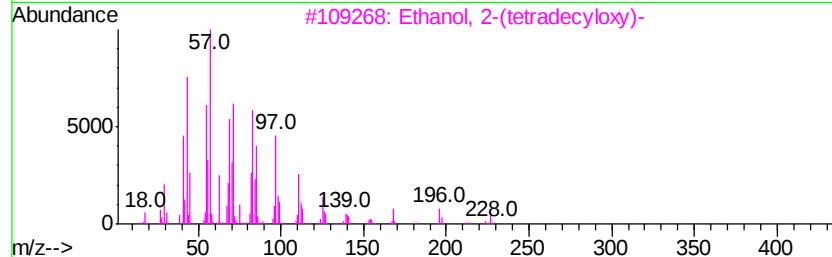
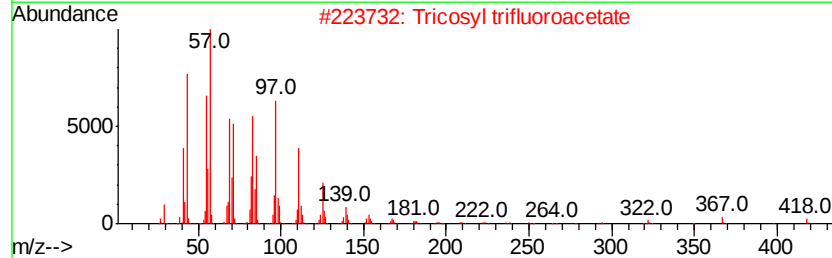
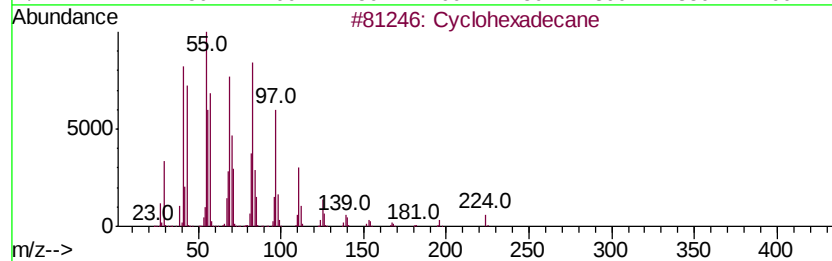
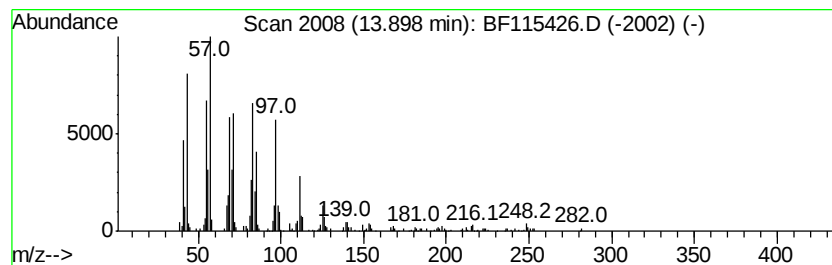
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.94 ng	557536	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	98
2		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
3		Ethanol, 2-(tetradecyl)-	258	C16H34O2	002136-70-1	90
4		Pentafluoropropionic acid, octadecyl-	416	C21H37F5O2	959261-25-7	90
5		Pentafluoropropionic acid, heptadecyl-	402	C20H35F5O2	959218-78-1	87



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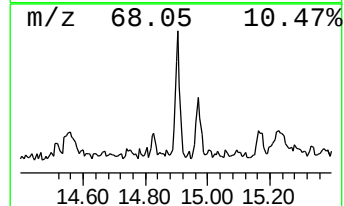
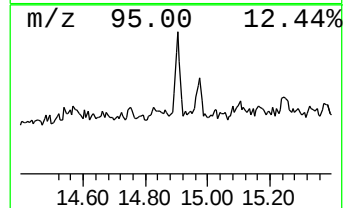
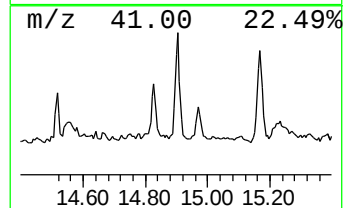
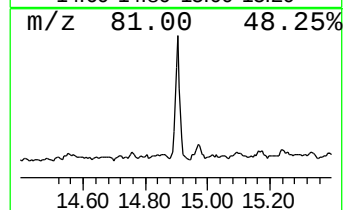
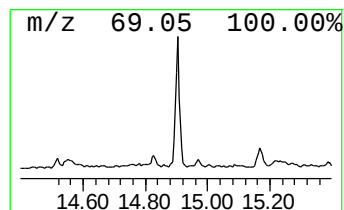
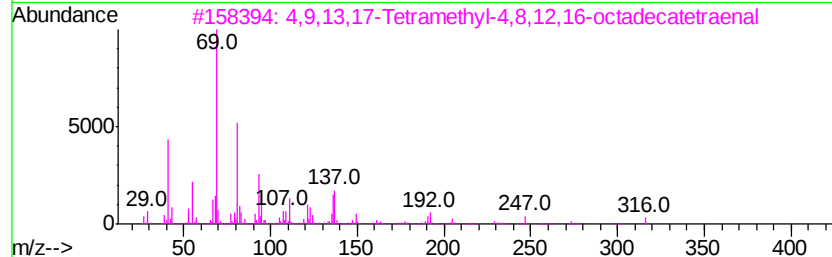
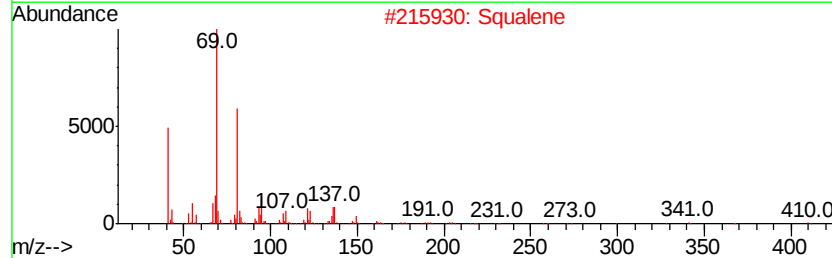
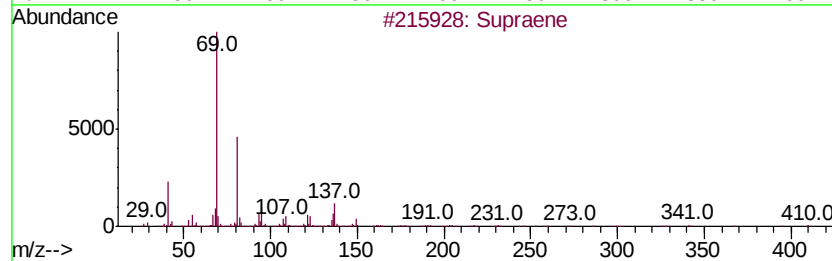
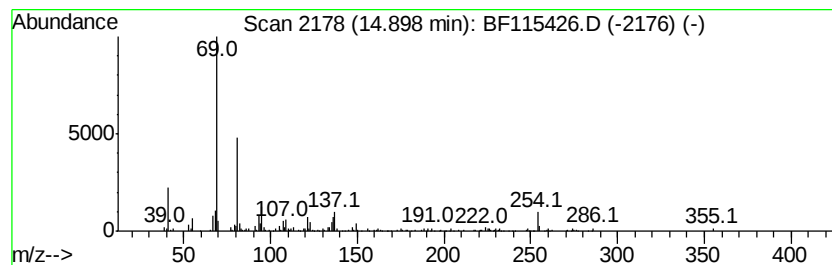
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.89 ng	176316	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene		410	C30H50	007683-64-9	91
2	Squalene		410	C30H50	000111-02-4	91
3	4,9,13,17-Tetramethyl-4,8,12,16-...		316	C22H36O	056882-09-8	78
4	4,8,12-Tetradecatrienal, 5,9,13-...		248	C17H28O	066408-55-7	64
5	1,6-Octadiene, 3,5-dimethyl-, tr...		138	C10H18	074630-87-8	53



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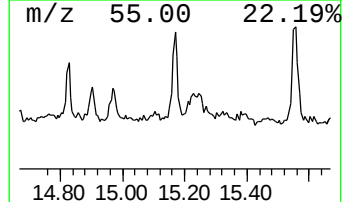
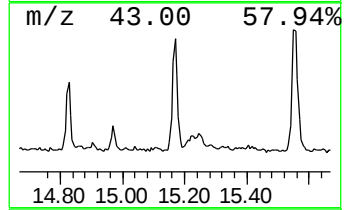
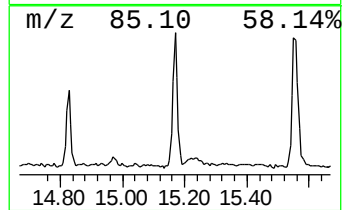
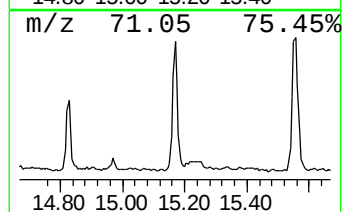
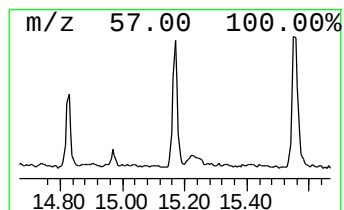
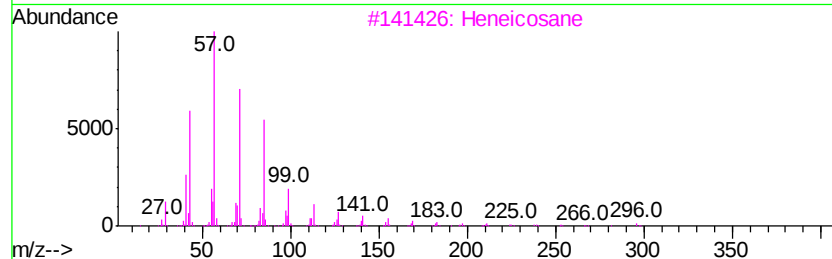
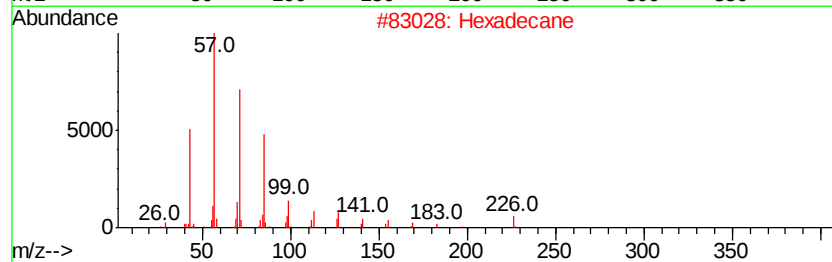
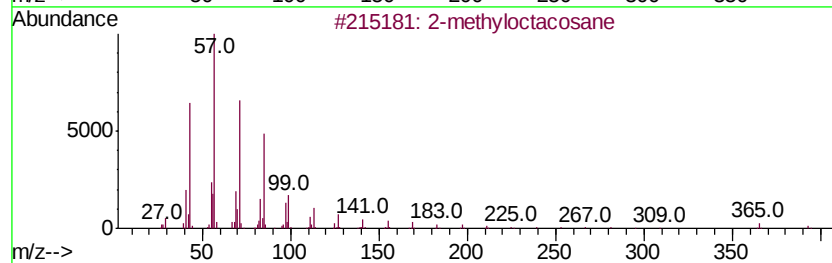
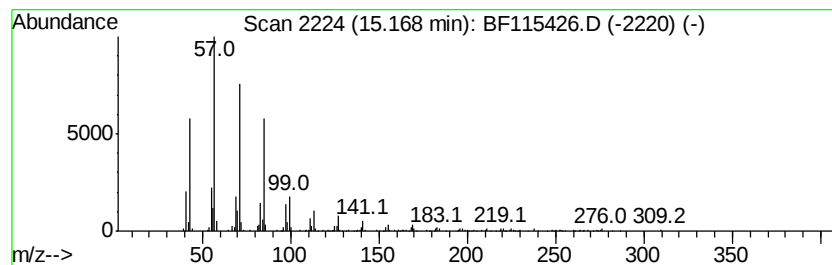
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.09 ng	249676	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115426.D
Acq On : 9 Jul 2019 00:44
Operator : HP/JU
Sample : K3681-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

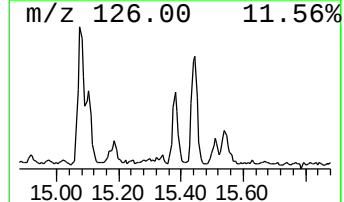
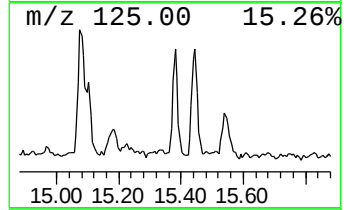
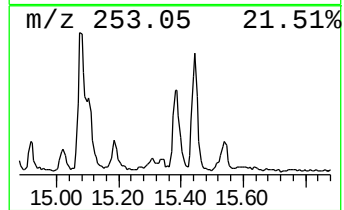
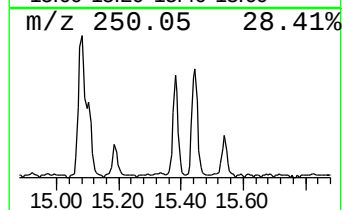
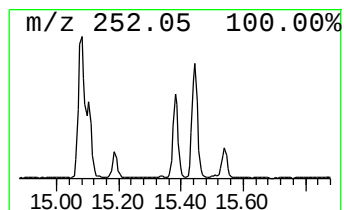
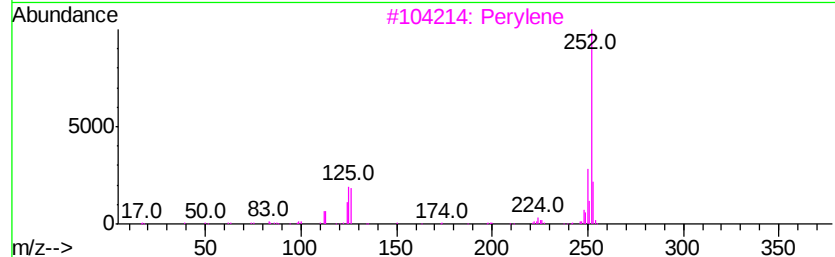
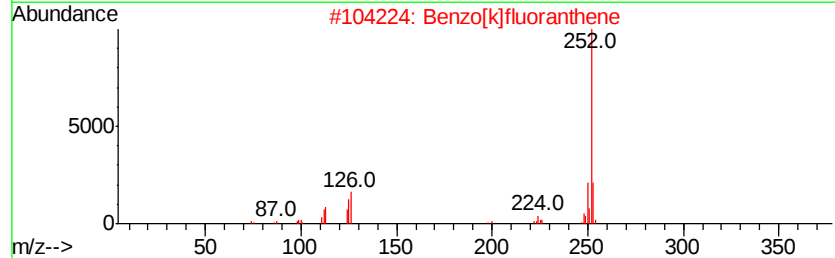
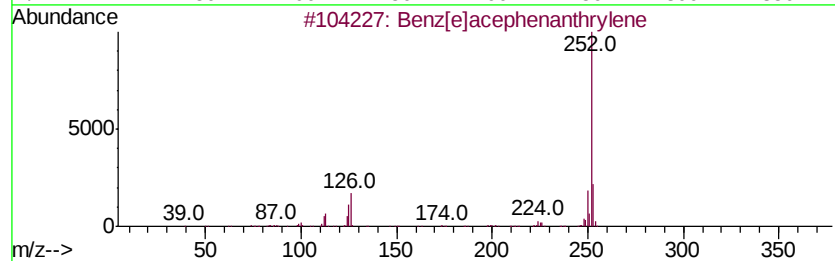
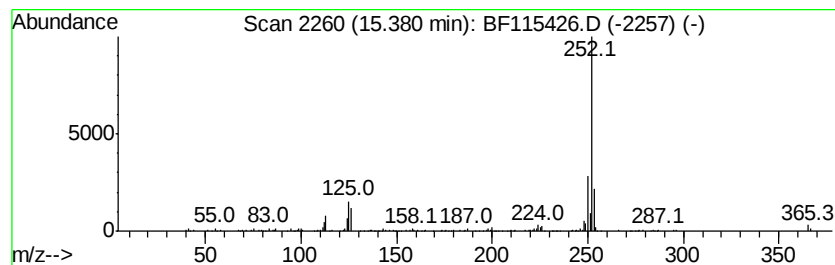
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	2.72 ng	165654	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	97
4		Benzo[e]pyrene	252	C20H12	000192-97-2	97
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
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Acq On : 9 Jul 2019 00:44
Operator : HP/JU
Sample : K3681-03
Misc :
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Instrument :
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ClientSampleId :
STOCK-PILE-07-01-19

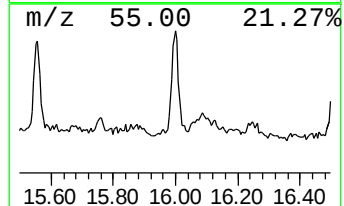
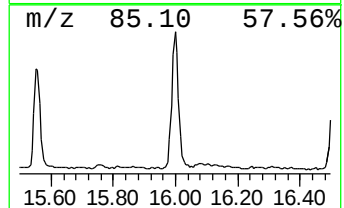
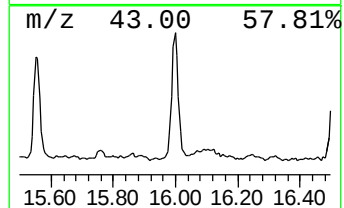
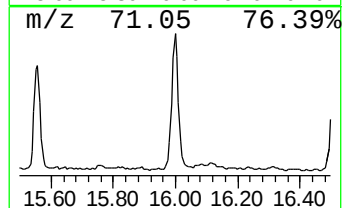
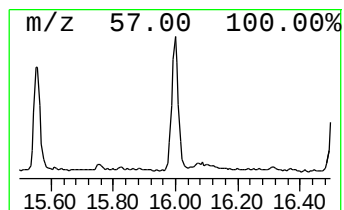
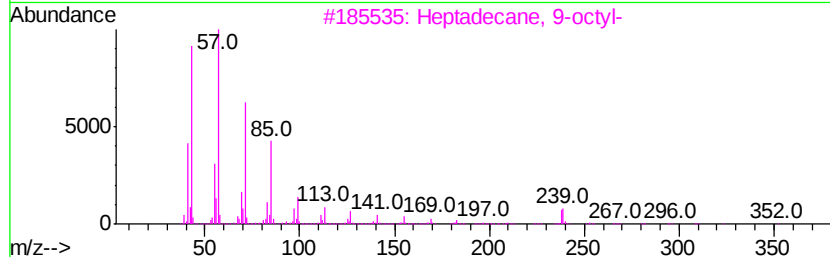
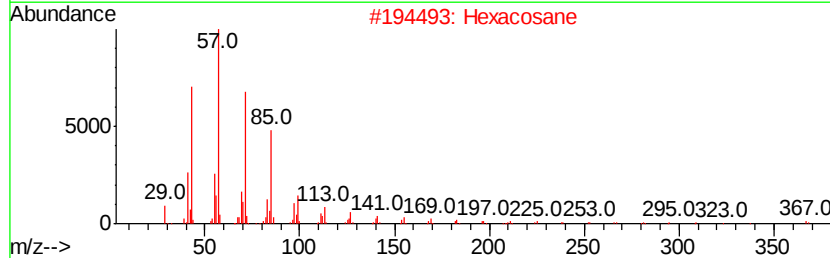
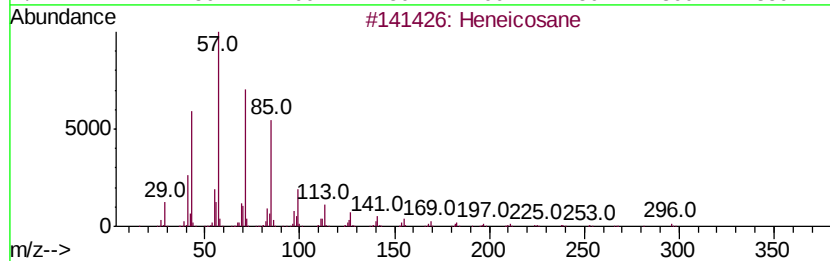
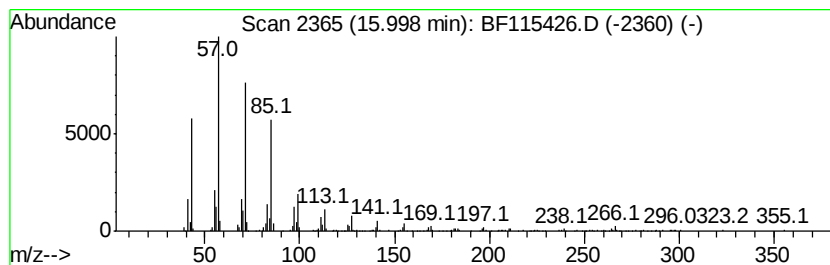
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	6.70 ng	408272	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Tridecane, 6-propyl-		226	C16H34	055045-10-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115426.D
Acq On : 9 Jul 2019 00:44
Operator : HP/JU
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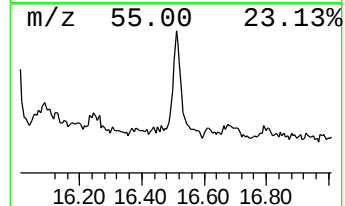
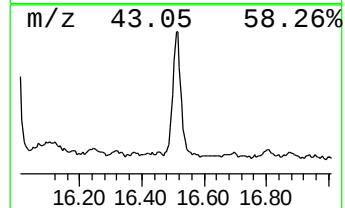
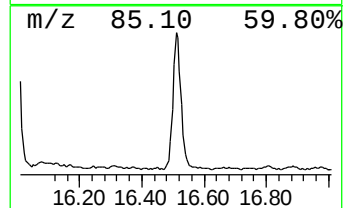
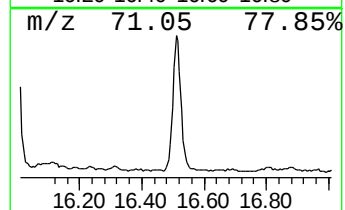
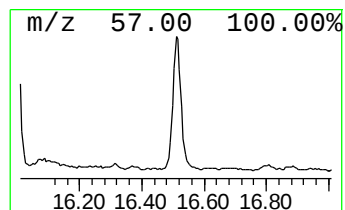
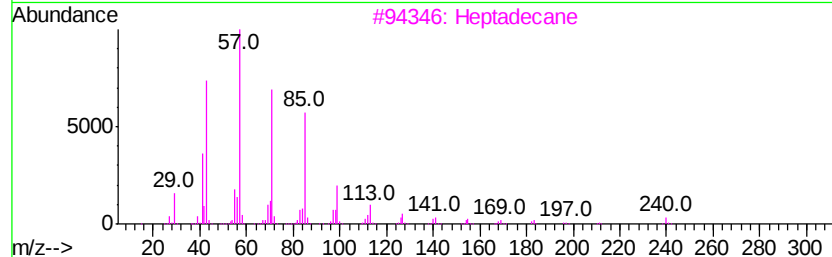
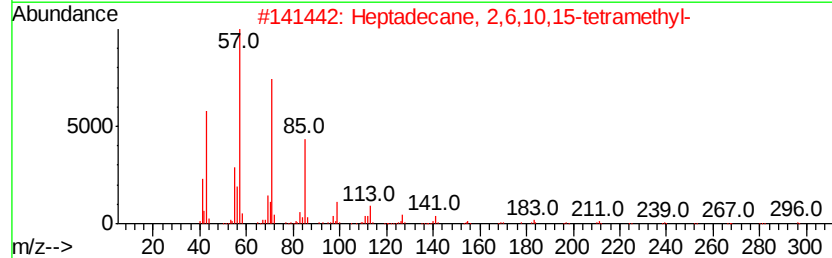
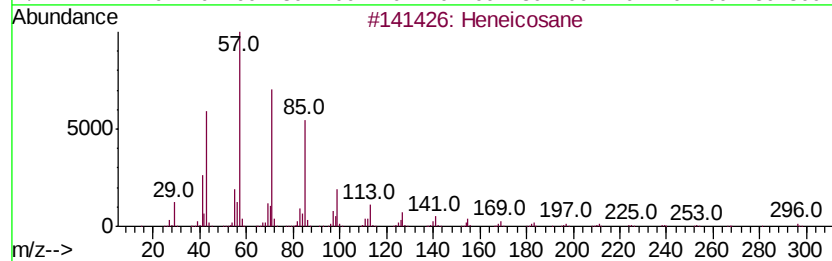
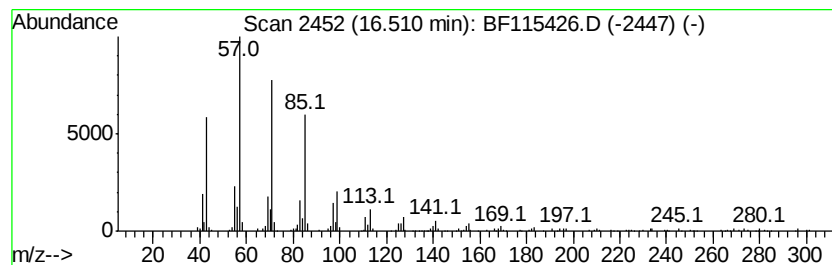
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	6.49 ng	395473	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115426.D
Acq On : 9 Jul 2019 00:44
Operator : HP/JU
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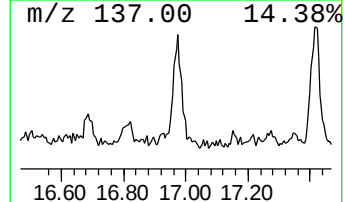
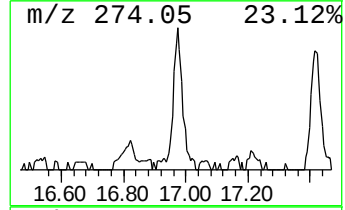
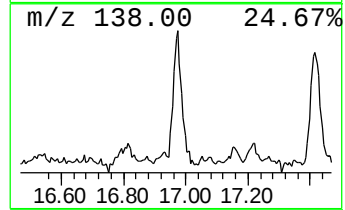
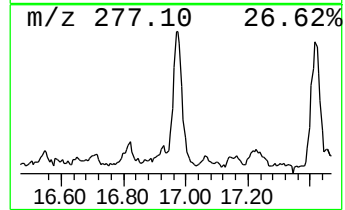
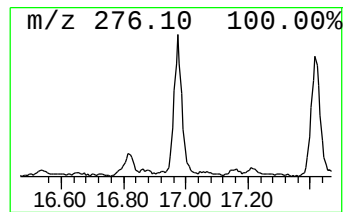
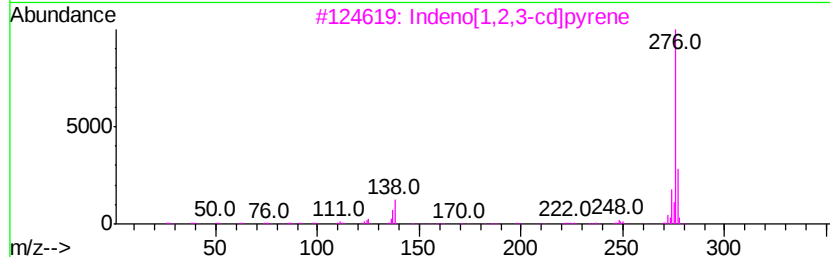
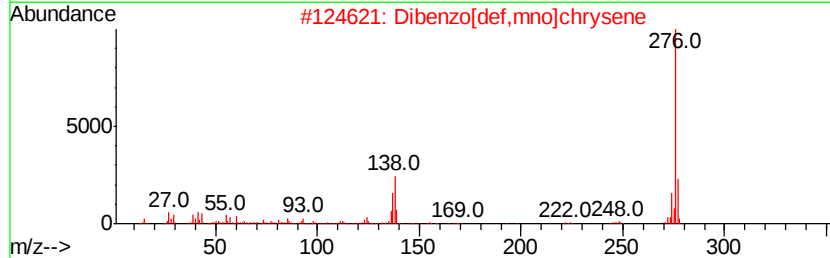
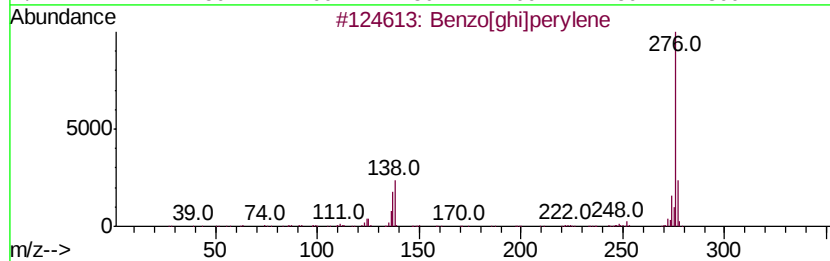
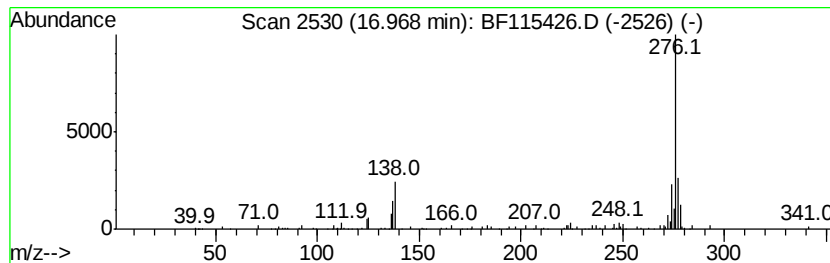
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.77 ng	169191	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
5		12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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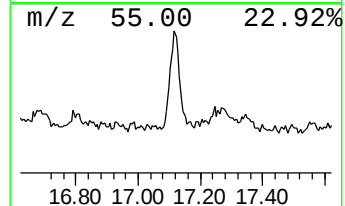
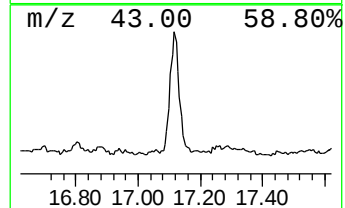
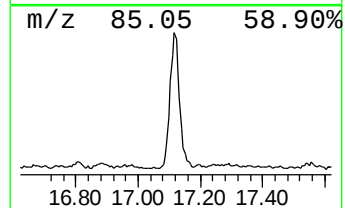
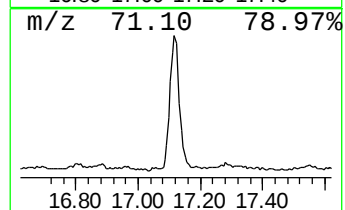
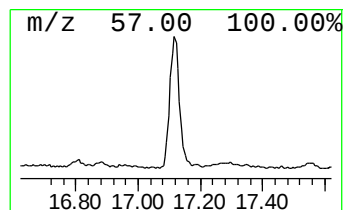
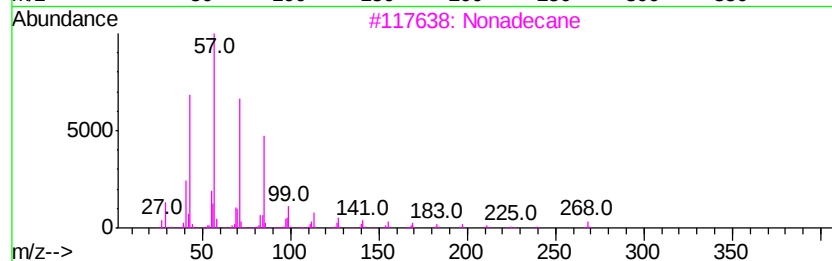
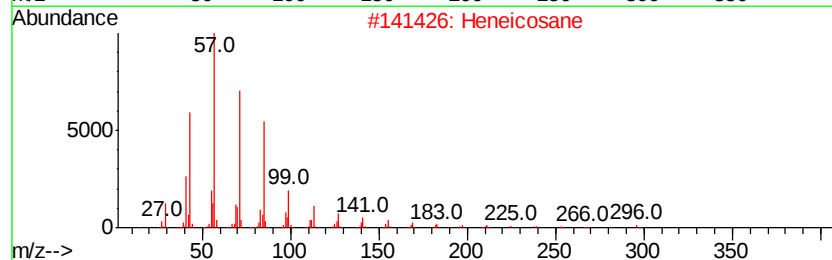
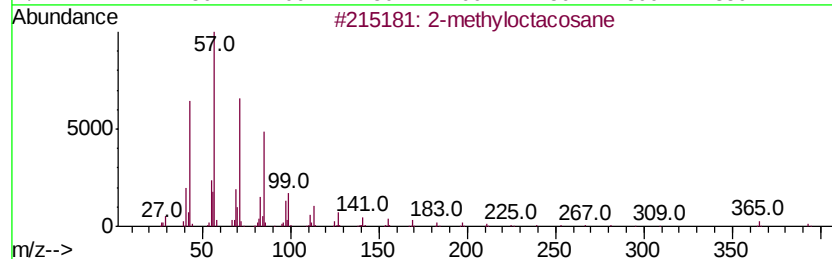
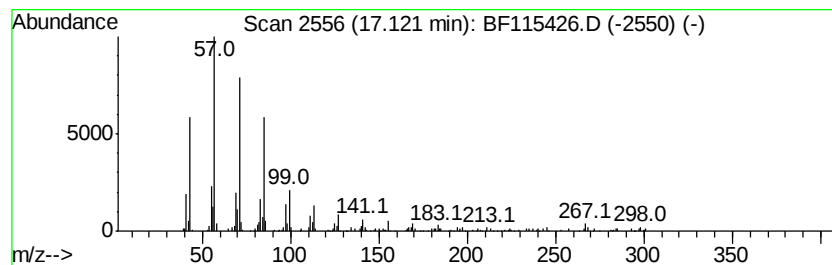
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	5.55 ng	338321	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Pentacosane	352	C25H52	000629-99-2	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
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STOCK-PILE-07-01-19

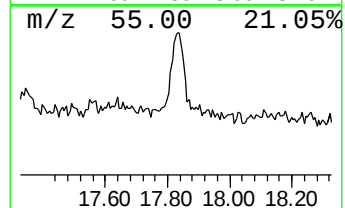
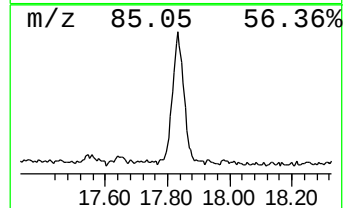
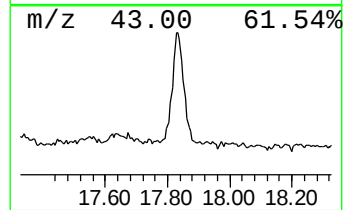
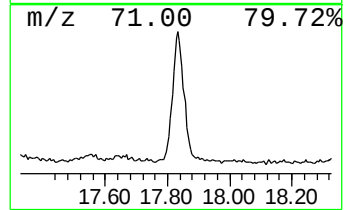
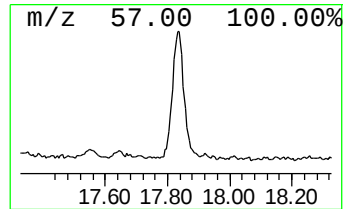
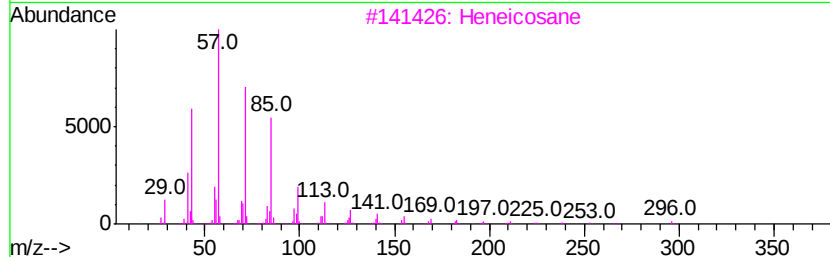
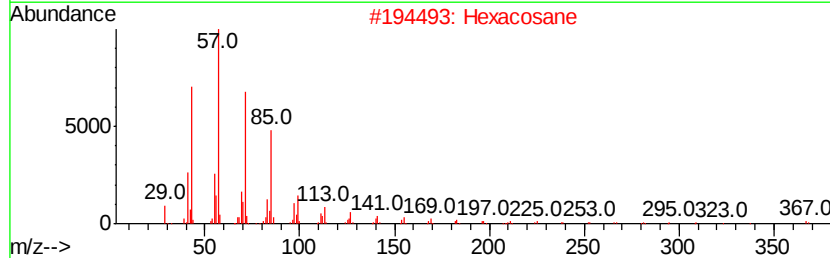
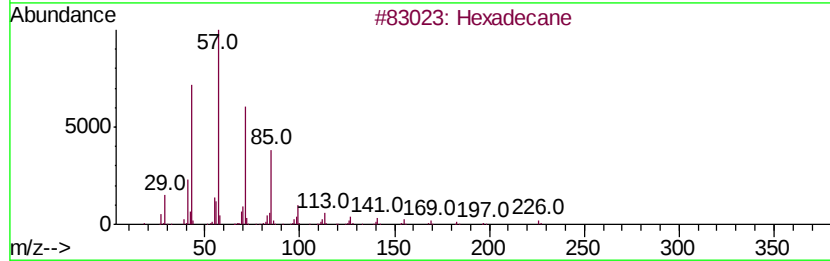
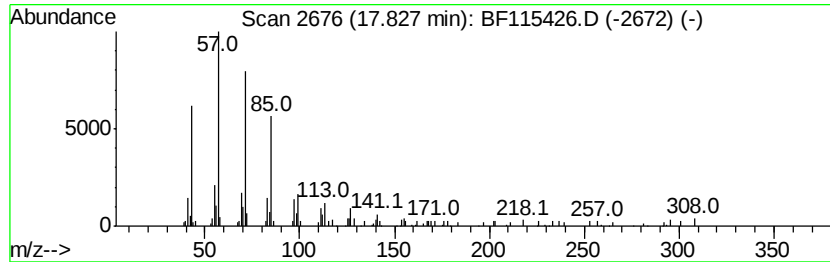
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.60 ng	280662	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115426.D
Acq On : 9 Jul 2019 00:44
Operator : HP/JU
Sample : K3681-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

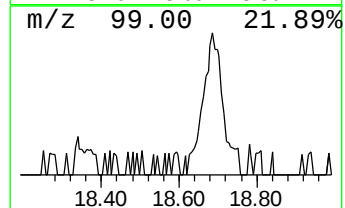
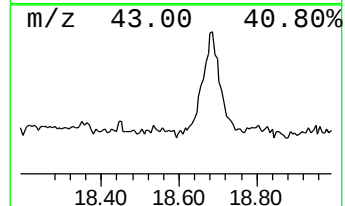
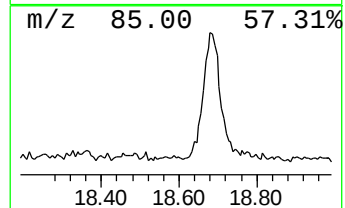
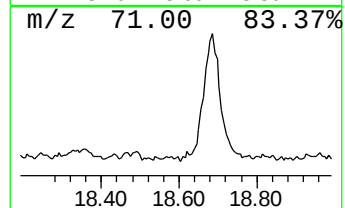
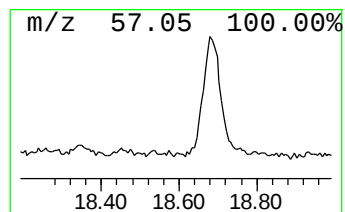
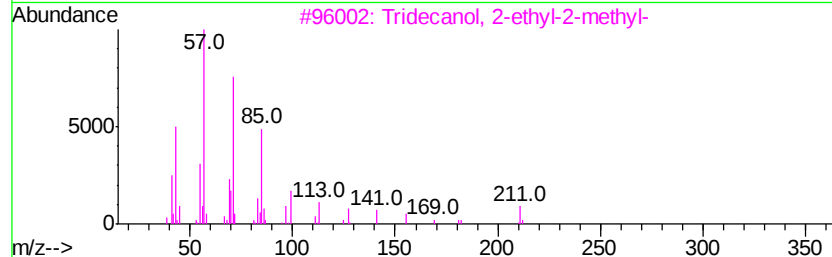
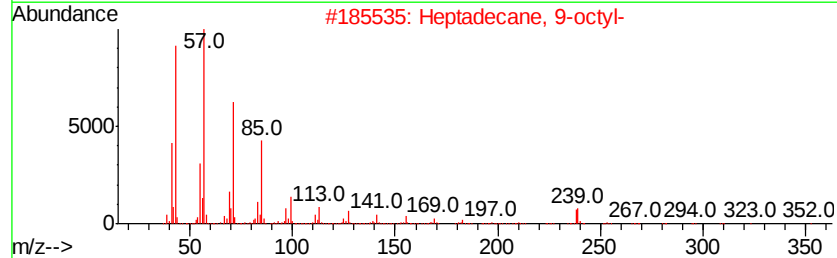
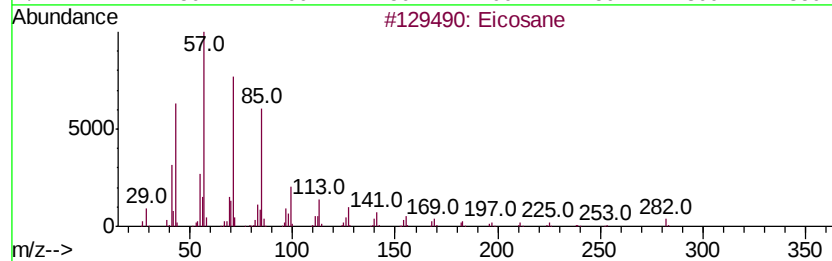
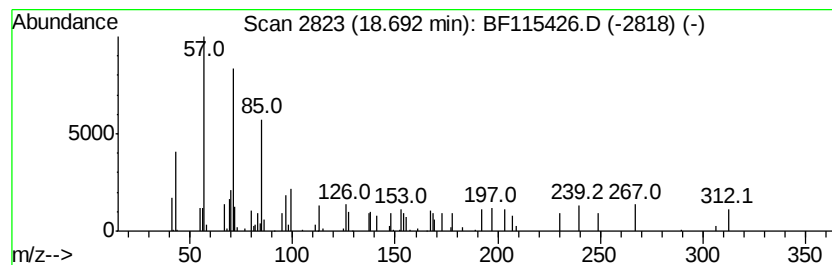
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.55 ng	155506	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	70
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
3		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	58
4		10-Methylnonadecane	282	C20H42	056862-62-5	58
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070819\
 Data File : BF115426.D
 Acq On : 9 Jul 2019 00:44
 Operator : HP/JU
 Sample : K3681-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-07-01-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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...	2.20	33.0	ng	1810160	1	6.89	1095420	20.0
unknown6.66	6.66	74.2	ng	4064530	1	6.89	1095420	20.0
Cyclohexadecane	13.90	6.9	ng	557536	5	14.04	1606590	20.0
Supraene	14.90	2.9	ng	176316	6	15.51	1219490	20.0
2-methyloctacosane	15.17	4.1	ng	249676	6	15.51	1219490	20.0
Benzo[e]pyrene	15.38	2.7	ng	165654	6	15.51	1219490	20.0
Heneicosane	16.00	6.7	ng	408272	6	15.51	1219490	20.0
Heptadecane	16.51	6.5	ng	395473	6	15.51	1219490	20.0
Dibenzo[def,mno]c...	16.97	2.8	ng	169191	6	15.51	1219490	20.0
Nonadecane	17.12	5.5	ng	338321	6	15.51	1219490	20.0
Hexadecane	17.83	4.6	ng	280662	6	15.51	1219490	20.0
Eicosane	18.69	2.5	ng	155506	6	15.51	1219490	20.0