

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101726.D
 Acq On : 26 Dec 2017 21:07
 Operator : SJ/JU
 Sample : I7022-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	3.828	292	296	309	rBV	14530	36622	1.77%	0.130%
2	5.004	493	496	516	rBV	187022	314056	15.16%	1.113%
3	5.263	537	540	549	rBV	37714	50691	2.45%	0.180%
4	5.369	554	558	562	rBV	116524	161362	7.79%	0.572%
5	5.410	562	565	588	rVB	1456787	2071865	100.00%	7.340%
6	5.628	599	602	608	rVB	62663	70671	3.41%	0.250%
7	6.428	735	738	757	rBV	1386624	2048187	98.86%	7.256%
8	6.563	757	761	766	rVV	1910816	2068935	99.86%	7.330%
9	6.604	766	768	777	rVB2	79555	107165	5.17%	0.380%
10	6.787	796	799	807	rBV	742284	747464	36.08%	2.648%
11	6.940	822	825	840	rBV	1534762	1603895	77.41%	5.682%
12	7.357	893	896	918	rBV	1034479	1277838	61.68%	4.527%
13	8.069	1014	1017	1037	rVB	843328	904968	43.68%	3.206%
14	9.139	1196	1199	1208	rBV	1907152	1673260	80.76%	5.928%
15	9.210	1208	1211	1214	rVB	54253	46944	2.27%	0.166%
16	9.539	1264	1267	1274	rVB	116078	137359	6.63%	0.487%
17	9.692	1287	1293	1296	rBV	39828	45244	2.18%	0.160%
18	9.739	1299	1301	1305	rVB	95673	71120	3.43%	0.252%
19	9.822	1312	1315	1319	rBV2	781918	745359	35.98%	2.641%
20	9.857	1319	1321	1329	rVB	62548	68572	3.31%	0.243%
21	10.057	1353	1355	1359	rVB2	22191	29555	1.43%	0.105%
22	10.145	1364	1370	1373	rBV6	14030	21147	1.02%	0.075%
23	10.216	1379	1382	1383	rBV	22019	22663	1.09%	0.080%
24	10.239	1383	1386	1389	rVB	98760	82573	3.99%	0.293%
25	10.380	1407	1410	1416	rVB	33233	35102	1.69%	0.124%
26	10.457	1417	1423	1426	rBV3	40475	53963	2.60%	0.191%
27	10.622	1447	1451	1463	rBV	818935	941970	45.46%	3.337%
28	10.710	1463	1466	1474	rVB	89785	118111	5.70%	0.418%
29	10.904	1496	1499	1501	rBV2	18235	21616	1.04%	0.077%
30	11.157	1538	1542	1545	rBV3	57326	59365	2.87%	0.210%
31	11.216	1550	1552	1556	rVB	25951	27517	1.33%	0.097%
32	11.316	1565	1569	1571	rBV	858401	722866	34.89%	2.561%
33	11.339	1571	1573	1579	rVV	441035	405922	19.59%	1.438%
34	11.398	1580	1583	1587	rVV	123412	108312	5.23%	0.384%

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35	11.563	1608	1611	1613	rBV2	57789	53560	2.59%	0.190%
36	11.580	1613	1614	1617	rVB	43287	31703	1.53%	0.112%
37	11.822	1652	1655	1658	rBV2	87576	124162	5.99%	0.440%
38	11.851	1658	1660	1665	rVV	98483	106507	5.14%	0.377%
39	11.898	1666	1668	1671	rVV	44370	42020	2.03%	0.149%
40	11.933	1671	1674	1676	rVV	133739	140196	6.77%	0.497%
41	11.957	1676	1678	1681	rVV	58601	51568	2.49%	0.183%
42	11.992	1681	1684	1686	rVB	25591	21872	1.06%	0.077%
43	12.110	1702	1704	1709	rBV	51426	58644	2.83%	0.208%
44	12.169	1712	1714	1720	rVB3	37340	44003	2.12%	0.156%
45	12.369	1745	1748	1751	rBV2	76763	87370	4.22%	0.310%
46	12.474	1764	1766	1772	rVB3	39153	48303	2.33%	0.171%
47	12.533	1773	1776	1781	rBV	997338	894878	43.19%	3.170%
48	12.686	1799	1802	1808	rBV2	55486	87311	4.21%	0.309%
49	12.763	1809	1815	1821	rVV	873416	1047483	50.56%	3.711%
50	12.816	1822	1824	1828	rVB	57326	58732	2.83%	0.208%
51	12.892	1834	1837	1841	rBV	1517640	1477897	71.33%	5.236%
52	12.939	1843	1845	1848	rVB	37905	35070	1.69%	0.124%
53	12.986	1848	1853	1858	rBV2	70106	119405	5.76%	0.423%
54	13.027	1858	1860	1863	rBV	38009	37839	1.83%	0.134%
55	13.069	1864	1867	1869	rBV3	50406	69130	3.34%	0.245%
56	13.098	1869	1872	1877	rVB	161550	180567	8.72%	0.640%
57	13.163	1880	1883	1886	rVV2	149581	213221	10.29%	0.755%
58	13.198	1887	1889	1896	rVB3	83434	131568	6.35%	0.466%
59	13.292	1903	1905	1908	rBV	62166	52744	2.55%	0.187%
60	13.321	1908	1910	1913	rVV	63047	65573	3.16%	0.232%
61	13.363	1915	1917	1920	rVB	66612	51284	2.48%	0.182%
62	13.721	1975	1978	1979	rBV	76119	78354	3.78%	0.278%
63	13.786	1984	1989	1994	rBV4	222594	408309	19.71%	1.447%
64	13.963	2015	2019	2022	rBV2	1032001	1473444	71.12%	5.220%
65	13.992	2022	2024	2032	rVB	574582	545670	26.34%	1.933%
66	14.074	2035	2038	2042	rBV	114879	100531	4.85%	0.356%
67	14.357	2084	2086	2089	rVB	126038	105199	5.08%	0.373%
68	15.010	2193	2197	2200	rBV	573758	833682	40.24%	2.954%
69	15.310	2245	2248	2256	rVB	324977	412236	19.90%	1.460%
70	15.380	2256	2260	2265	rBV	457714	594339	28.69%	2.106%
71	15.433	2265	2269	2273	rBV2	609891	782817	37.78%	2.773%

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72	16.915	2518	2521	2531	rVB	189578	353859	17.08%	1.254%
73	17.368	2594	2598	2609	rVB	144489	302512	14.60%	1.072%

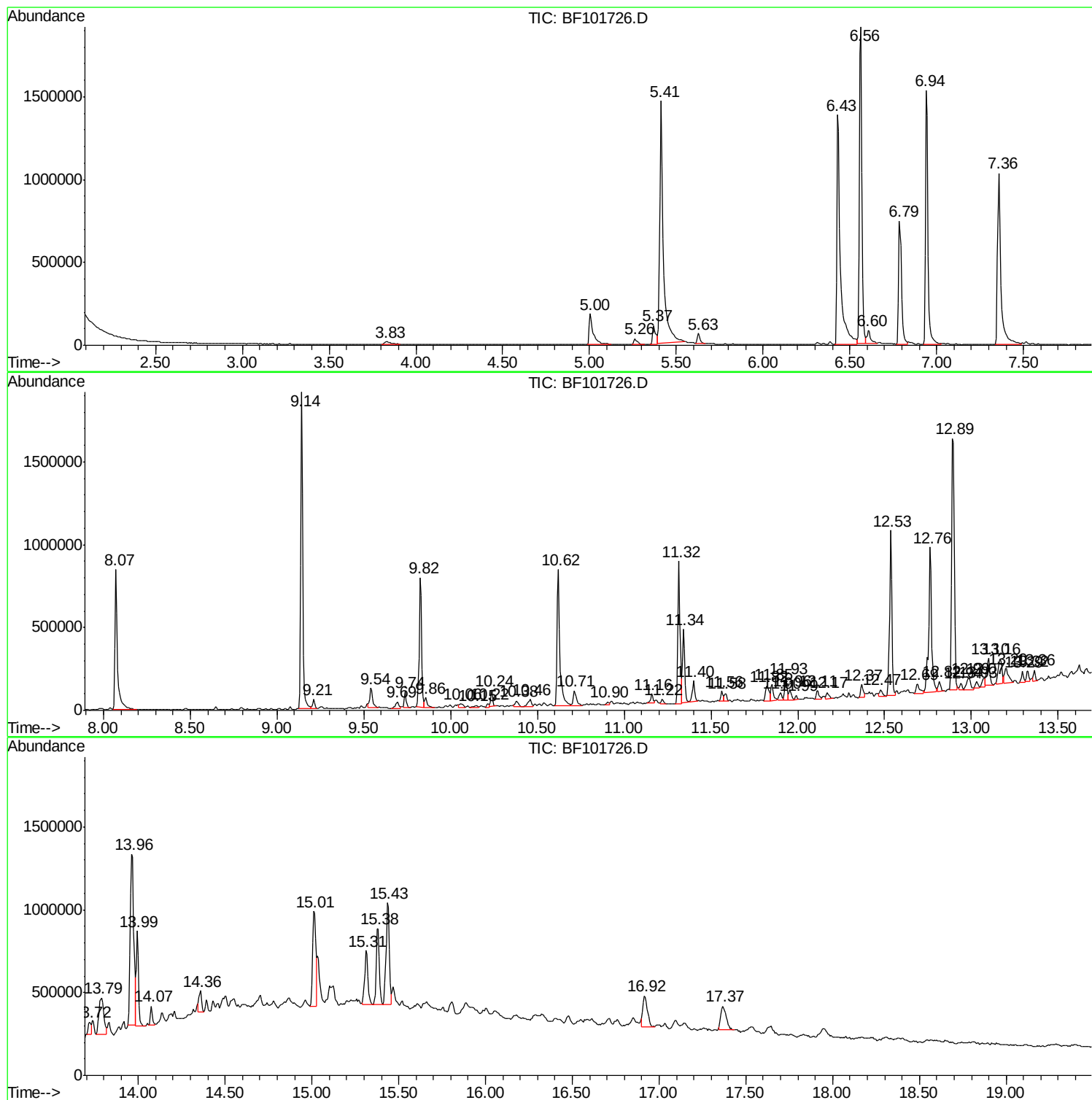
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Instrument :
BNA_F
ClientSampled :
72-11938

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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Operator : SJ/JU
Sample : I7022-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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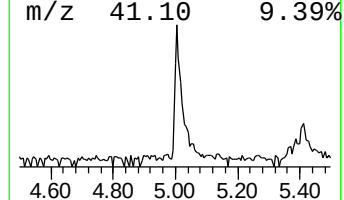
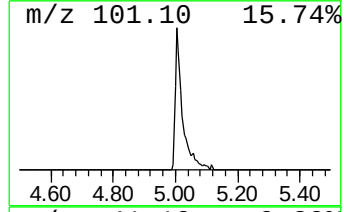
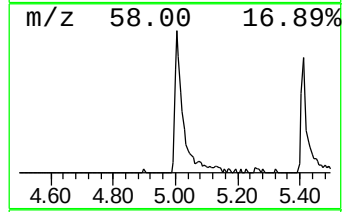
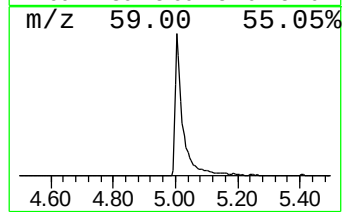
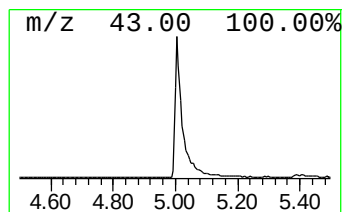
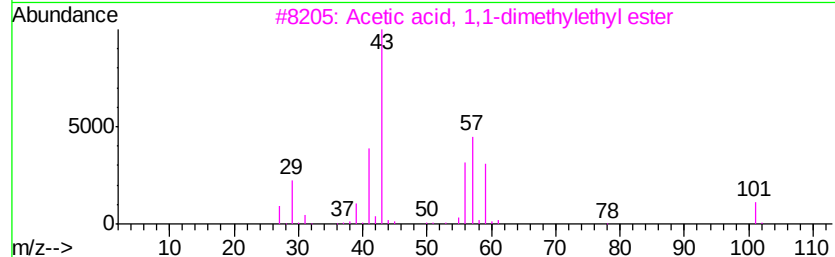
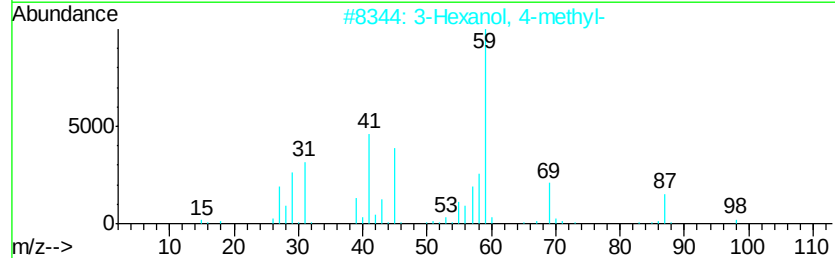
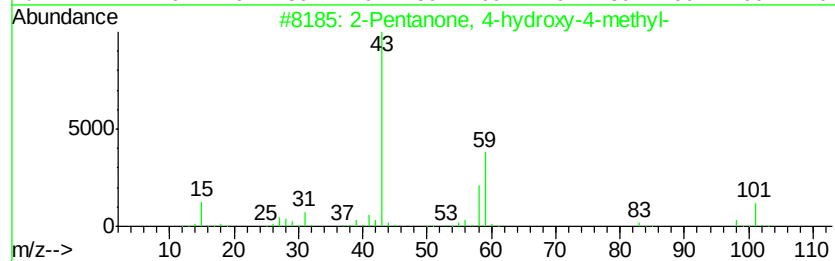
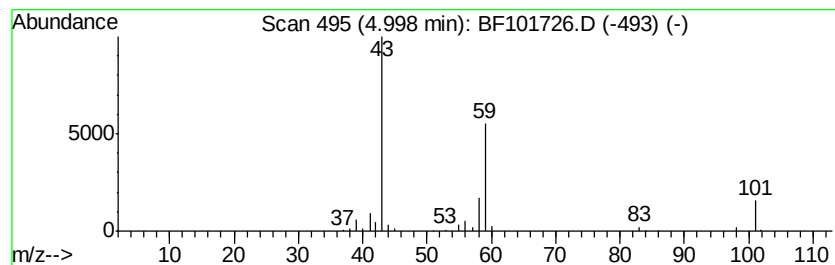
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	8.40 ng	314056	1,4-Dichlorobenzene-d4	6.79

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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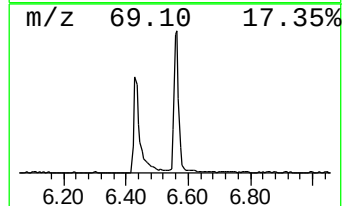
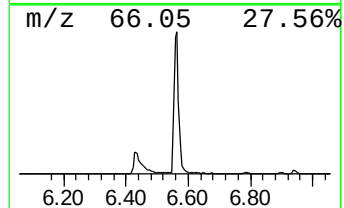
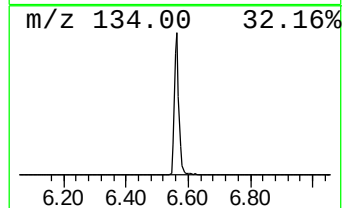
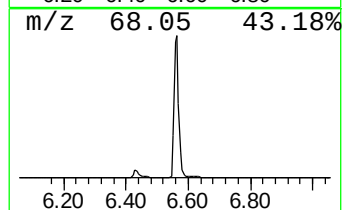
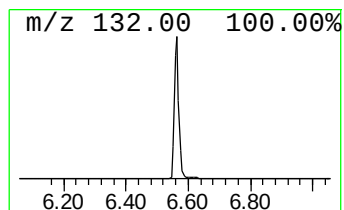
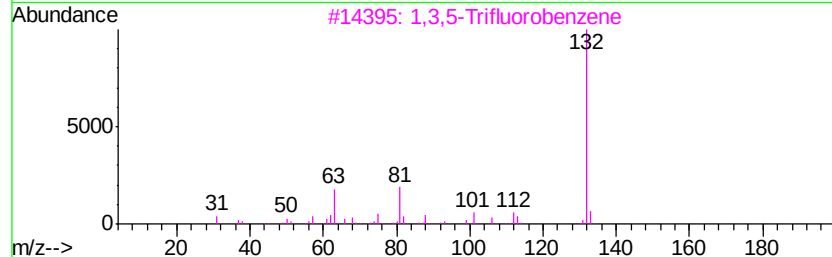
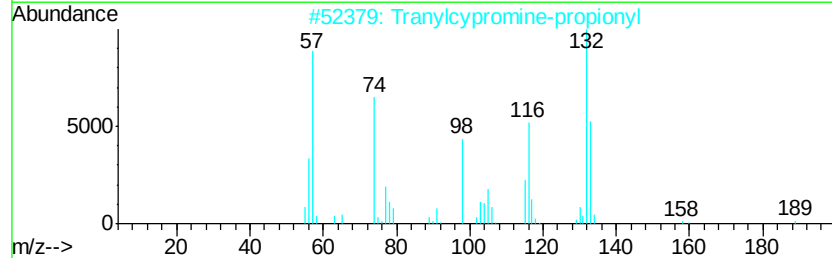
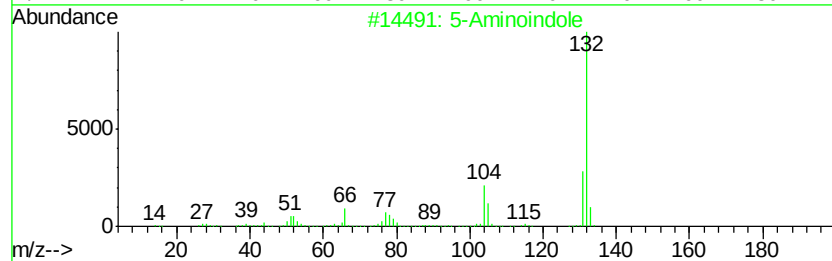
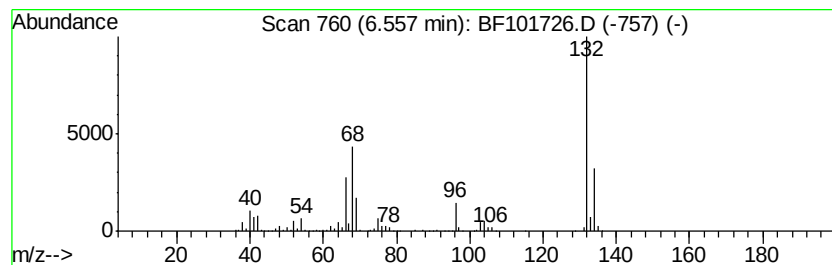
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	55.36 ng	2068940	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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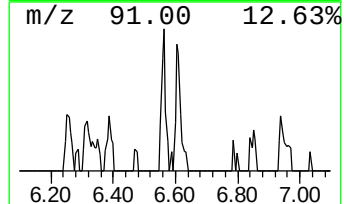
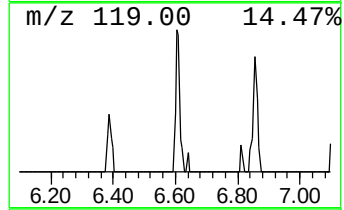
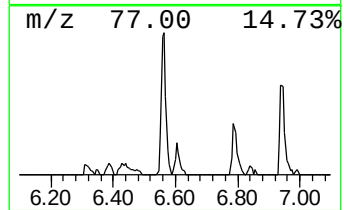
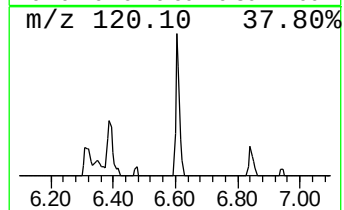
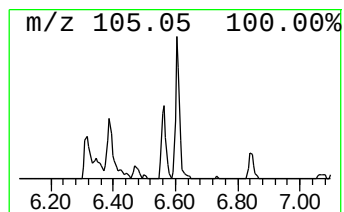
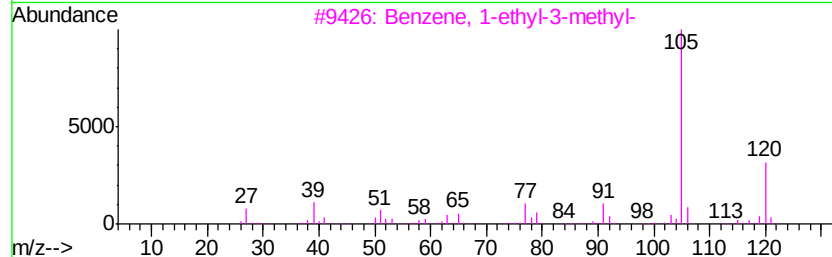
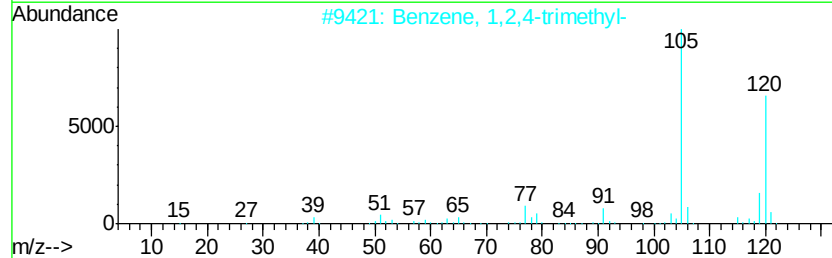
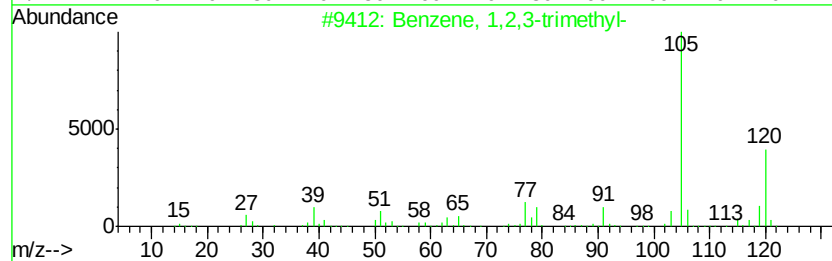
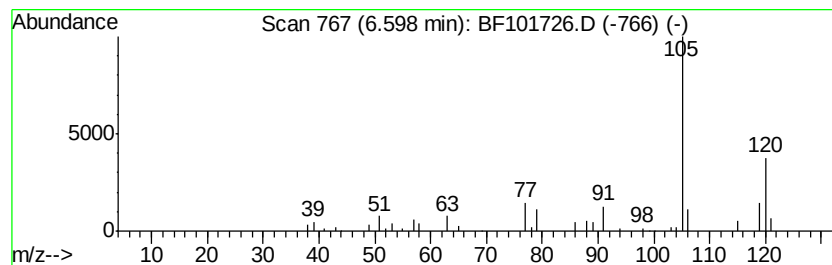
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	2.87 ng	107165	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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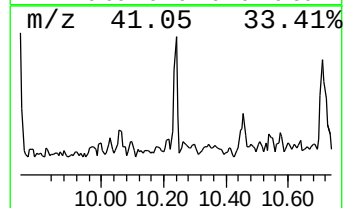
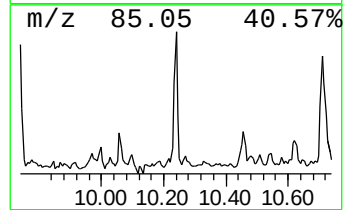
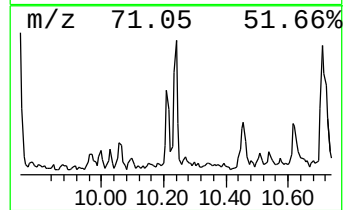
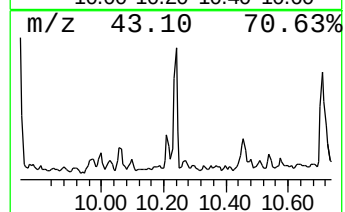
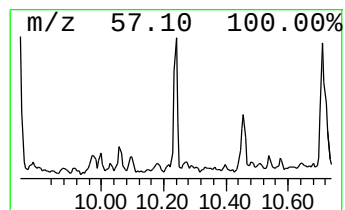
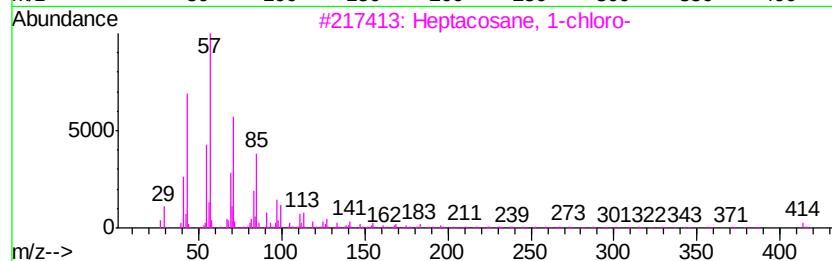
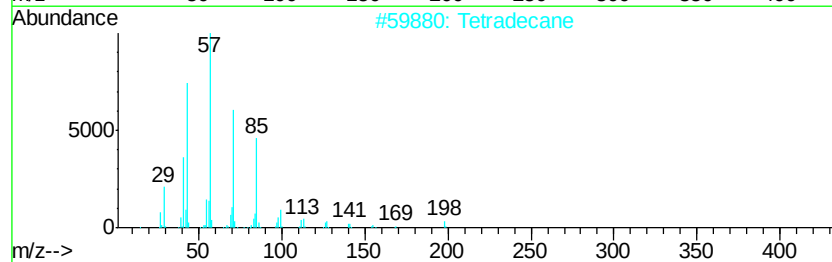
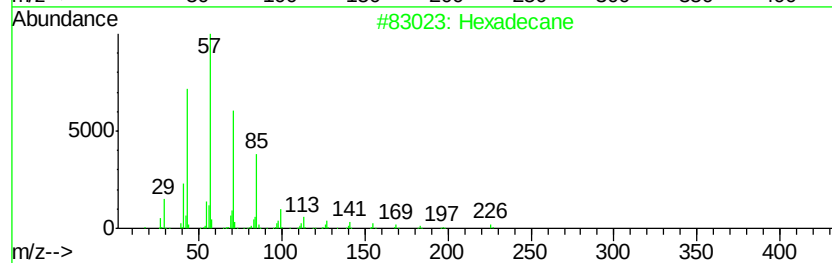
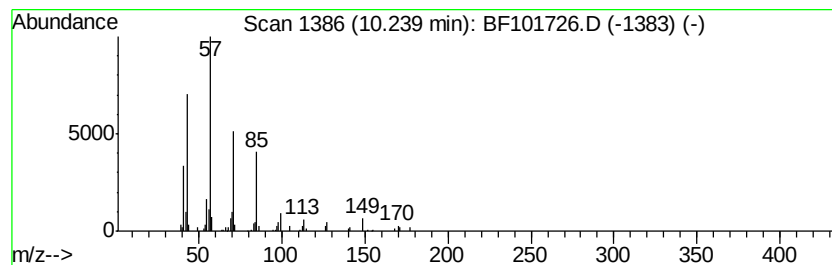
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.22 ng	82573	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Tetradecane	198 C14H30	000629-59-4	86
3	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	83
4	Octacosane	394 C28H58	000630-02-4	83
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101726.D
Acq On : 26 Dec 2017 21:07
Operator : SJ/JU
Sample : I7022-03
Misc :
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ClientSampleId :
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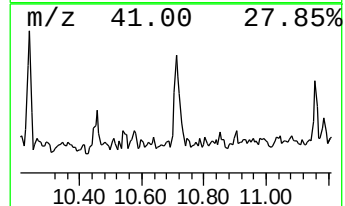
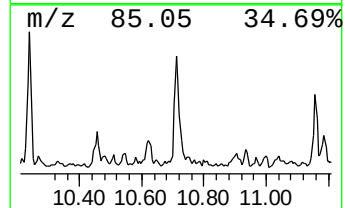
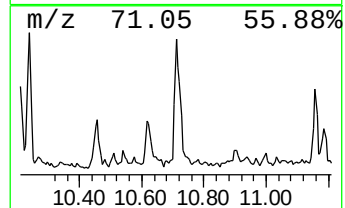
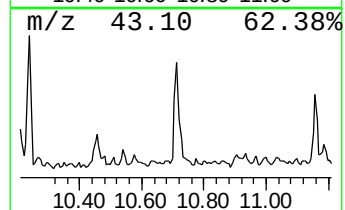
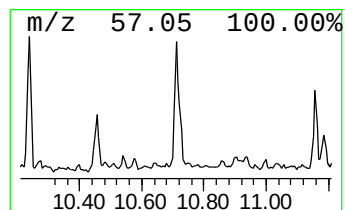
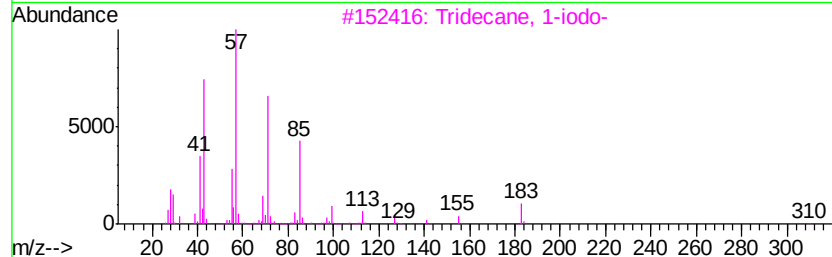
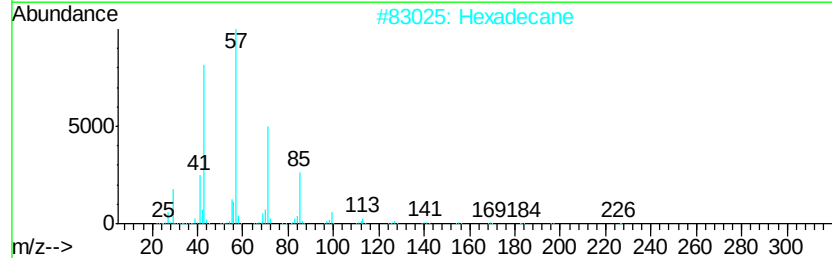
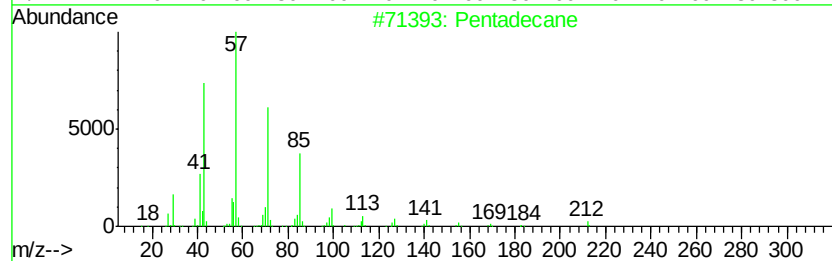
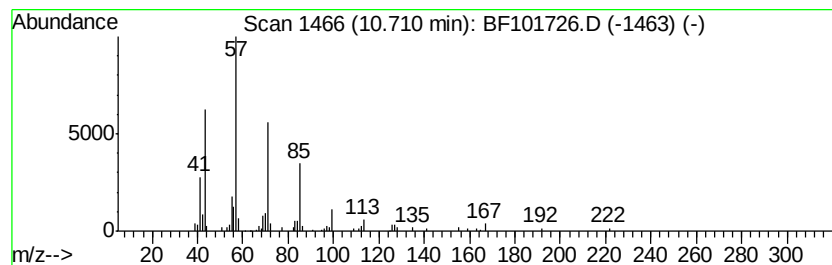
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.27 ng	118111	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Tetradecane	198	C14H30	000629-59-4	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



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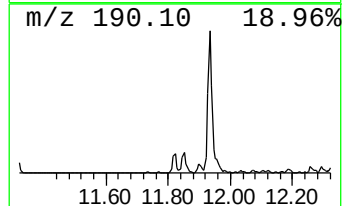
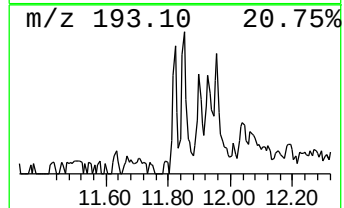
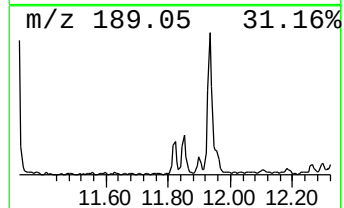
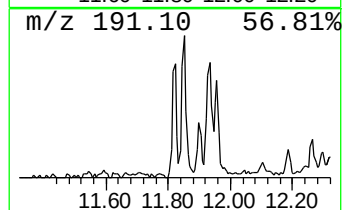
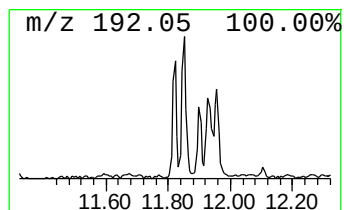
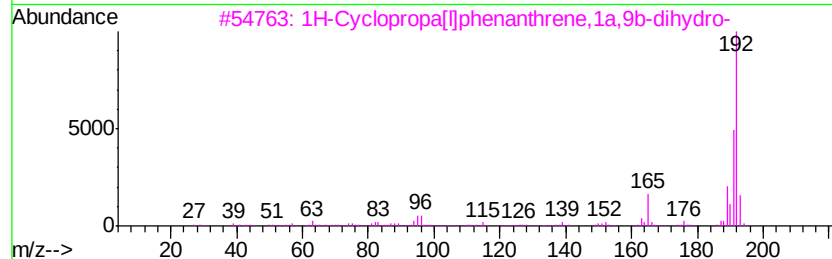
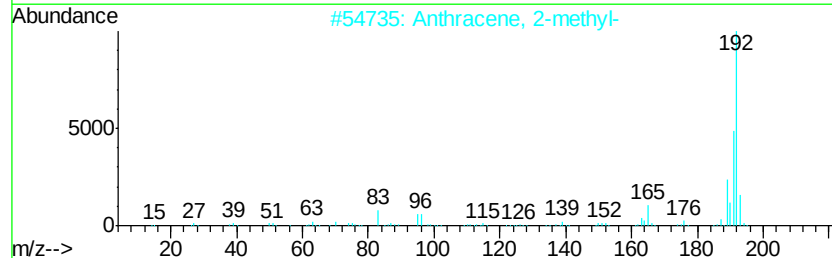
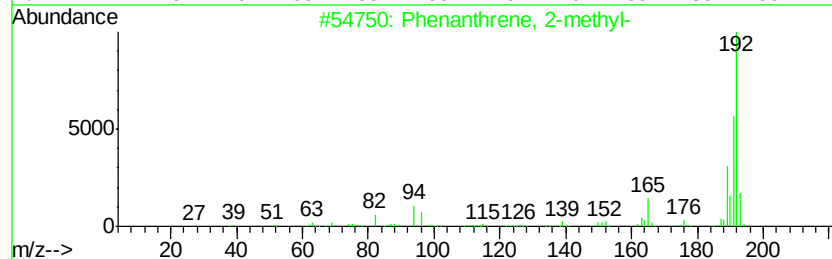
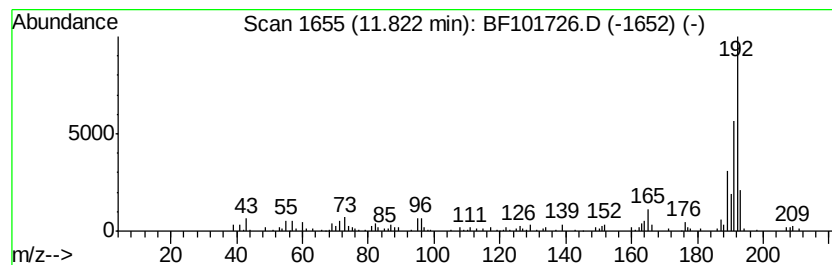
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.44 ng	124162	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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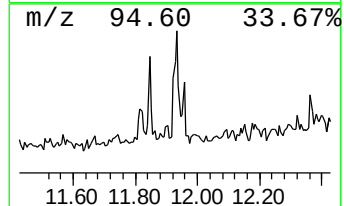
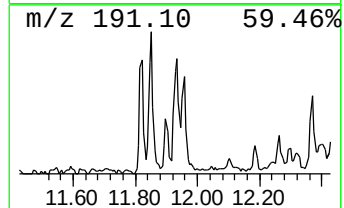
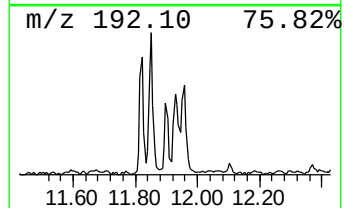
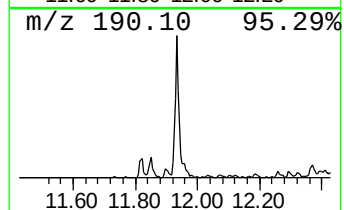
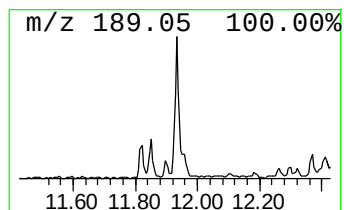
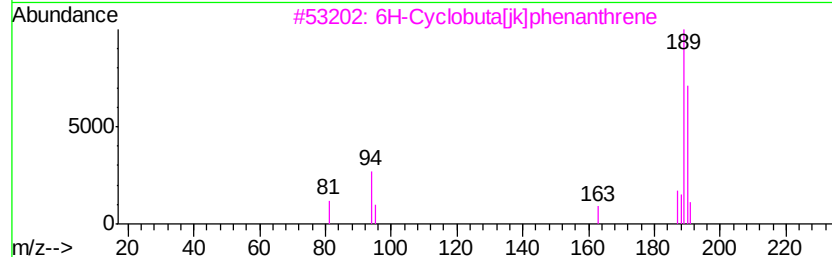
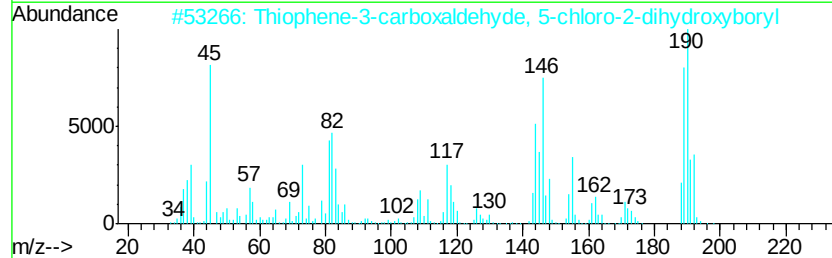
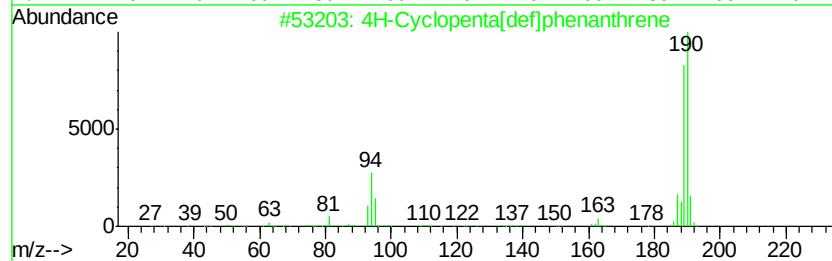
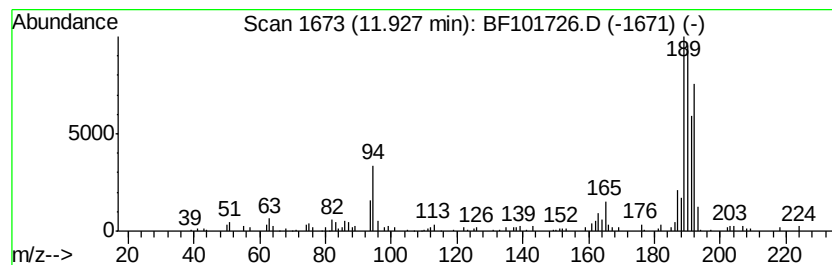
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	3.88 ng	140196	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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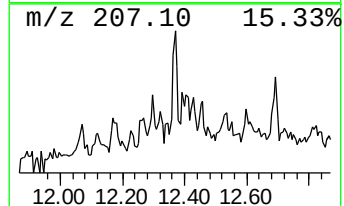
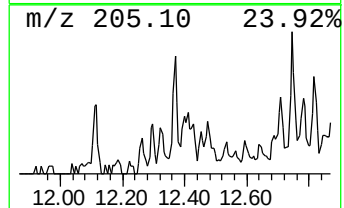
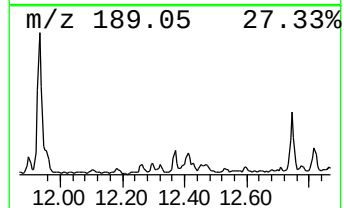
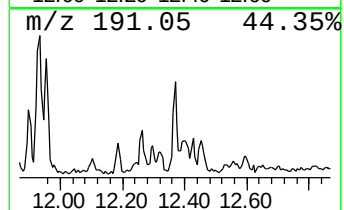
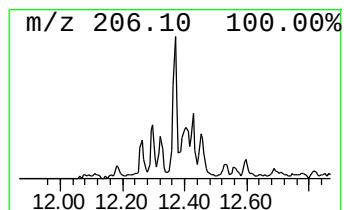
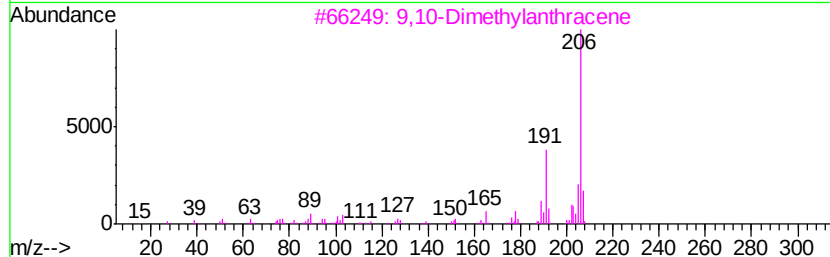
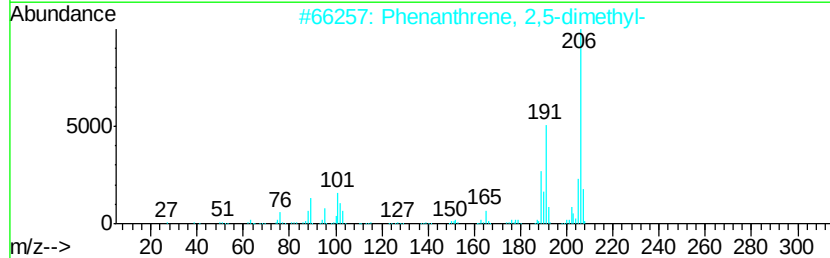
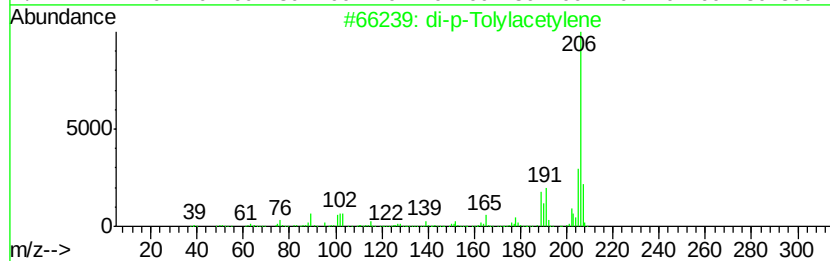
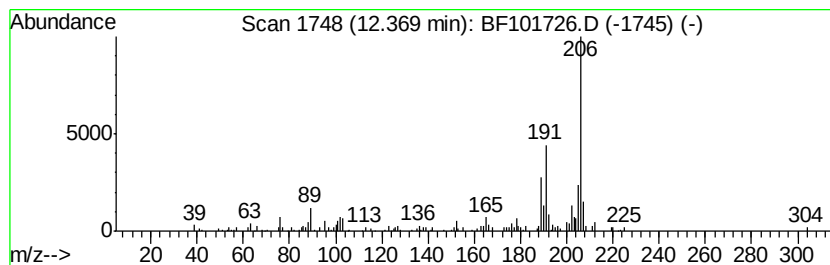
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.42 ng	87370	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Misc :
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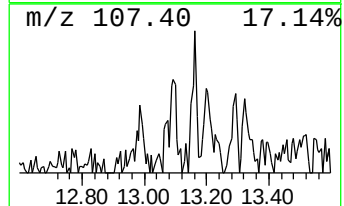
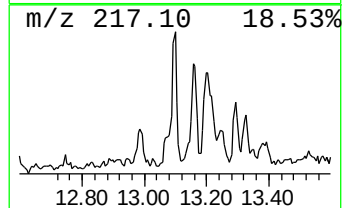
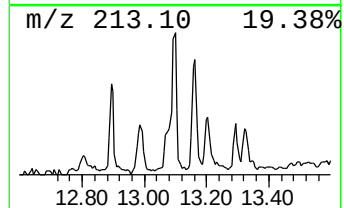
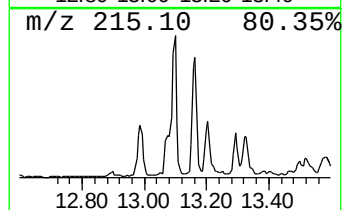
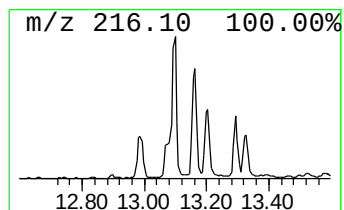
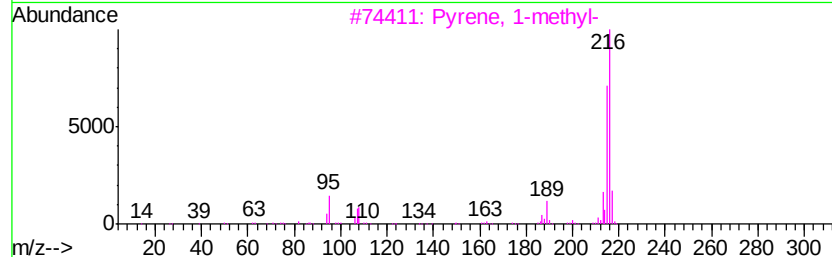
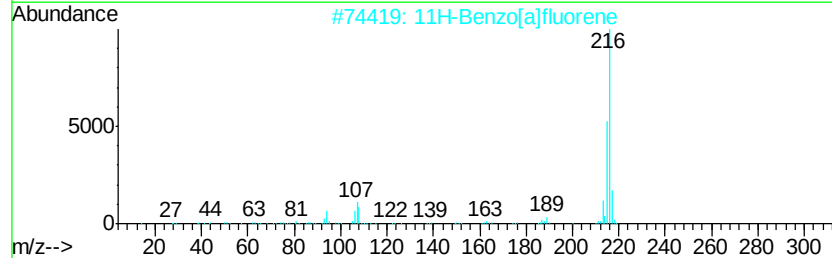
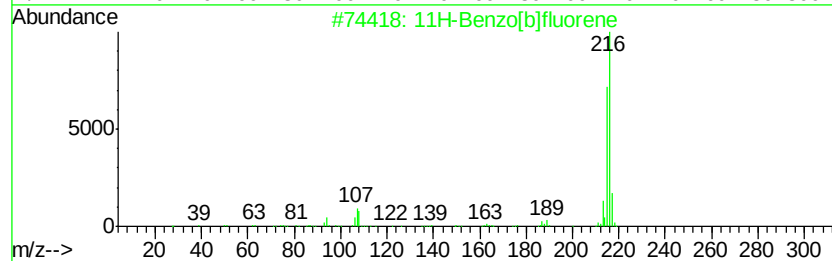
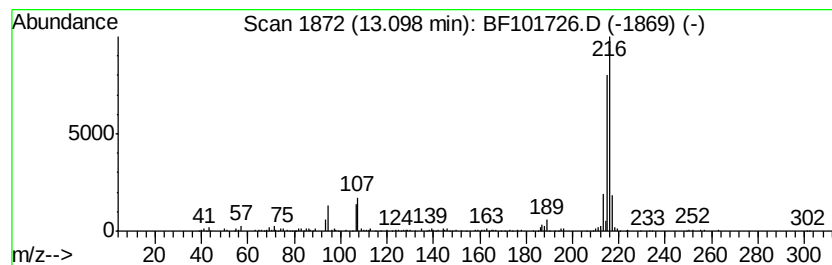
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.45 ng	180567	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



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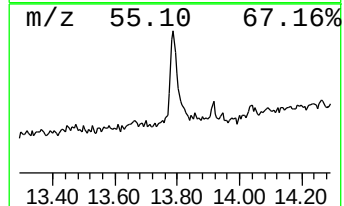
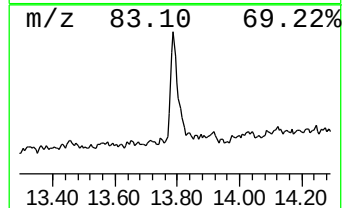
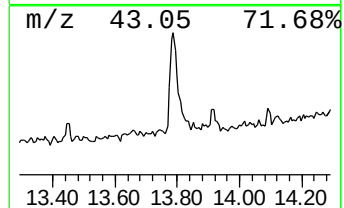
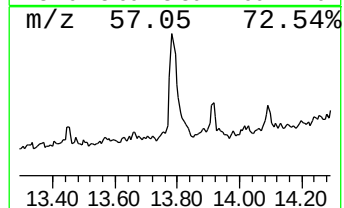
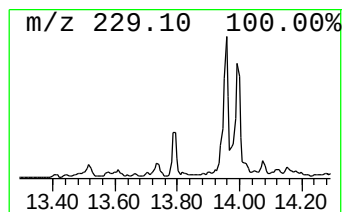
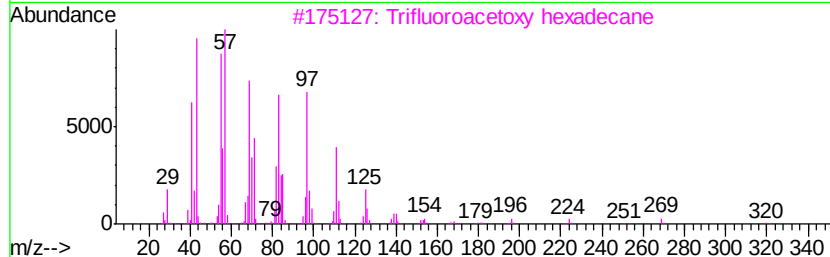
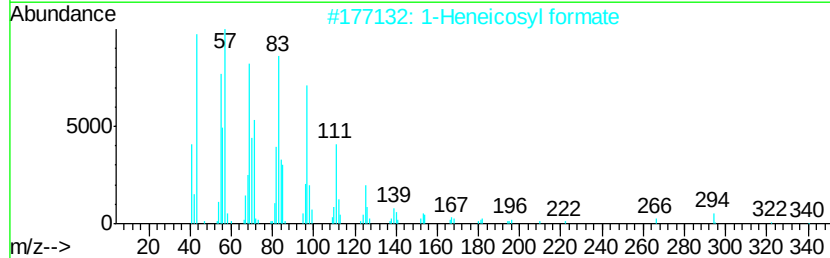
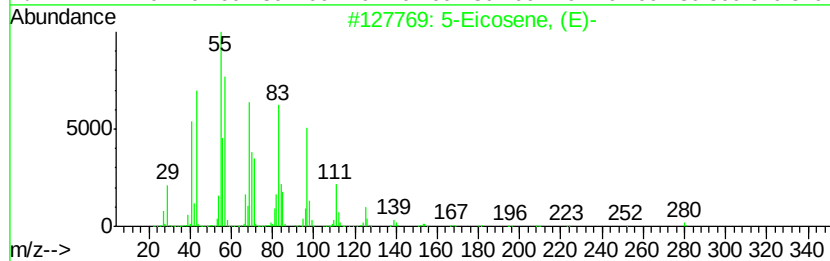
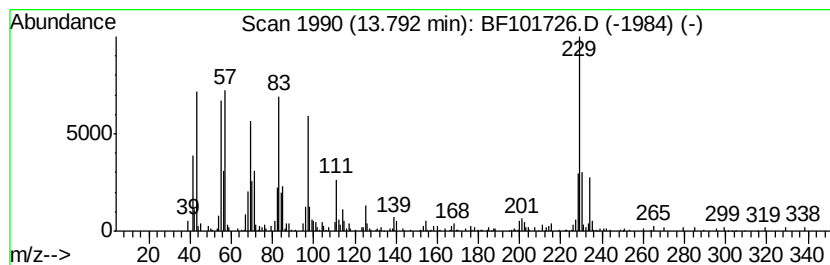
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	5.54 ng	408309	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
4	1-Nonadecene	266	C19H38	018435-45-5	70
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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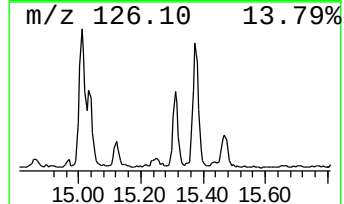
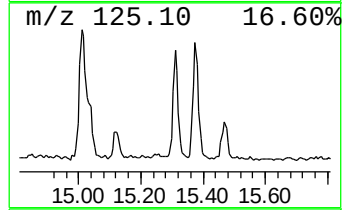
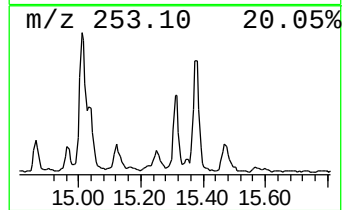
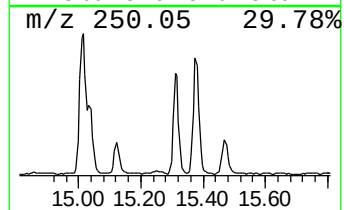
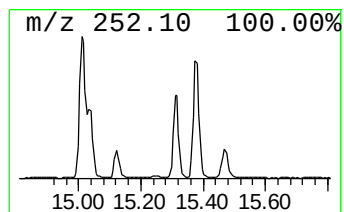
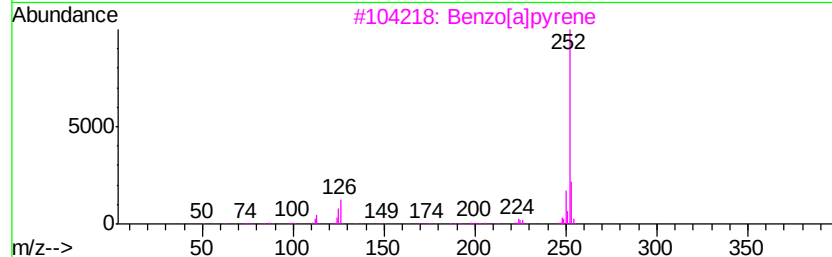
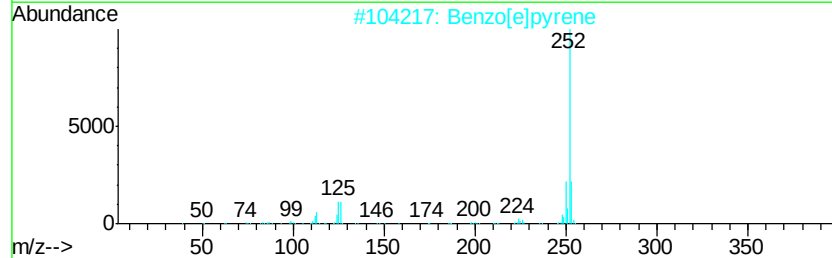
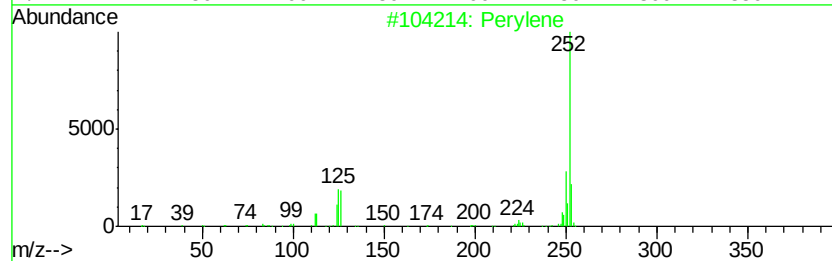
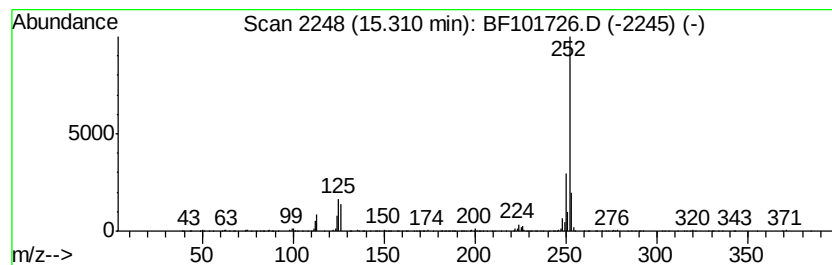
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	10.53 ng	412236	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101726.D
 Acq On : 26 Dec 2017 21:07
 Operator : SJ/JU
 Sample : I7022-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11938

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
2-Pentanone, 4-hy...	5.00	8.4	ng	314056	1	6.79	747464	20.0
unknown6.56	6.56	55.4	ng	2068940	1	6.79	747464	20.0
Benzene, 1,2,3-tr...	6.60	2.9	ng	107165	1	6.79	747464	20.0
Hexadecane	10.24	2.2	ng	82573	3	9.82	745359	20.0
Pentadecane	10.71	3.3	ng	118111	4	11.32	722866	20.0
Phenanthrene, 2-m...	11.82	3.4	ng	124162	4	11.32	722866	20.0
4H-Cyclopenta[def...	11.93	3.9	ng	140196	4	11.32	722866	20.0
di-p-Tolylacetylene	12.37	2.4	ng	87370	4	11.32	722866	20.0
11H-Benzo[b]fluorene	13.10	2.5	ng	180567	5	13.97	1473440	20.0
5-Eicosene, (E)-	13.79	5.5	ng	408309	5	13.97	1473440	20.0
Perylene	15.31	10.5	ng	412236	6	15.43	782817	20.0