LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109805.D
Acq On : 11 Oct 2018 23:52
Operator : JU/SJ
Sample : J5314-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-22

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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	4.881	473	475	489	rBV	16299	26774	2.65%	0.201%
2	5.310	545	548	572	rBV	398628	613606	60.75%	4.597%
3	6.340	720	723	741	rBV	446758	735047	72.77%	5.507%
4	6.463	741	744	767	rVB	709720	850065	84.16%	6.369%
5	6.692	780	783	803	rBV	340564	466029	46.14%	3.492%
6	6.845	806	809	826	rBV	563074	637542	63.12%	4.777%
7	7.257	876	879	907	rBV	242240	488072	48.32%	3.657%
8	7.975	997	1001	1025	rBV	494955	654821	64.83%	4.906%
9	9.045	1180	1183	1196	rBV	848838	900675	89.17%	6.748%
10	9.133	1196	1198	1208	rVB4	17736	33550	3.32%	0.251%
11	9.439	1247	1250	1259	rBV	56955	67526	6.69%	0.506%
12	9.586	1272	1275	1281	rBV	9862	11874	1.18%	0.089%
13	9.722	1294	1298	1302	rBV	635508	621128	61.50%	4.654%
14	9.751	1302	1303	1310	rVB	46609	42704	4.23%	0.320%
15	10.269	1388	1391	1399	rBV2	13379	23020	2.28%	0.172%
16	10.510	1428	1432	1446	rBV	272571	414449	41.03%	3.105%
17	10.628	1449	1452	1457	rVB5	13408	22307	2.21%	0.167%
18	11.104	1530	1533	1540	rVB2	13387	18797	1.86%	0.141%
19	11.198	1546	1549	1552	rBV	449689	514080	50.90%	3.852%
20	11.222	1552	1553	1560	rVV	264861	281773	27.90%	2.111%
21	11.280	1560	1563	1572	rVB	47825	86325	8.55%	0.647%
22	11.457	1585	1593	1595	rBV6	12265	23664	2.34%	0.177%
23	11.498	1598	1600	1603	rVV3	15474	15336	1.52%	0.115%
24	11.545	1606	1608	1614	rVB7	7904	10576	1.05%	0.079%
25	11.616	1614	1620	1623	rBV6	6618	12153	1.20%	0.091%
26	11.698	1629	1634	1637	rBV	28935	38703	3.83%	0.290%
27	11.733	1637	1640	1645	rVV2	40252	51941	5.14%	0.389%
28	11.810	1650	1653	1656	rBV2	42800	45623	4.52%	0.342%
29	11.998	1682	1685	1688	rBV	20017	25631	2.54%	0.192%
30	12.245	1724	1727	1731	rBV	23314	31018	3.07%	0.232%
31	12.286	1731	1734	1738	rVV4	23656	32322	3.20%	0.242%
32	12.333	1740	1742	1746	rVB4	16419	19456	1.93%	0.146%
33	12.404	1751	1754	1765	rBV	428491	521739	51.66%	3.909%
34	12.557	1777	1780	1786	rBV4	13602	21612	2.14%	0.162%

LSC Area Percent Report

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Sample : J5314-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.633	1787	1793	1800	rBV	406487	528817	52.36%	3.962%
36	12.774	1813	1817	1826	rBV	629426	685371	67.86%	5.135%
37	12.851	1827	1830	1834	rVB3	23275	37025	3.67%	0.277%
38	12.939	1842	1845	1846	rBV3	29894	30765	3.05%	0.230%
39	12.963	1846	1849	1854	rVV2	63896	82865	8.20%	0.621%
40	13.027	1858	1860	1863	rVV	42662	50169	4.97%	0.376%
41	13.063	1863	1866	1874	rVB3	46949	82369	8.15%	0.617%
42	13.157	1879	1882	1885	rVB	22676	19809	1.96%	0.148%
43	13.186	1885	1887	1891	rBV	18698	26071	2.58%	0.195%
44	13.580	1951	1954	1956	rBV	37877	41507	4.11%	0.311%
45	13.604	1956	1958	1960	rVV	22271	21326	2.11%	0.160%
46	13.686	1968	1972	1979	rVB2	65547	95116	9.42%	0.713%
47	13.827	1989	1996	1999	rBV2	686406	1010043	100.00%	7.567%
48	13.933	2011	2014	2017	rVB	36729	34206	3.39%	0.256%
49	13.998	2023	2025	2028	rVB3	30544	26893	2.66%	0.201%
50	14.216	2059	2062	2065	rBV	36061	39253	3.89%	0.294%
51	14.304	2074	2077	2080	rBV4	42060	44376	4.39%	0.332%
52	14.592	2124	2126	2129	rBV	55685	55306	5.48%	0.414%
53	14.839	2163	2168	2176	rBV	237458	496322	49.14%	3.719%
54	14.904	2176	2179	2182	rVV2	76603	83284	8.25%	0.624%
55	14.933	2182	2184	2187	rVV	29162	27094	2.68%	0.203%
56	15.110	2211	2214	2220	rVB	109615	157559	15.60%	1.180%
57	15.174	2221	2225	2230	rVV	175699	249042	24.66%	1.866%
58	15.227	2230	2234	2251	rVB	377352	708875	70.18%	5.311%
59	15.645	2302	2305	2310	rVB	71367	88126	8.72%	0.660%
60	16.104	2379	2383	2392	rVB2	52061	91270	9.04%	0.684%
61	16.580	2460	2464	2470	rVB2	42483	78710	7.79%	0.590%
62	16.986	2527	2533	2540	rBV	40750	95748	9.48%	0.717%

Sum of corrected areas: 13347255

LSC Report - Integrated Chromatogram

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Misc :
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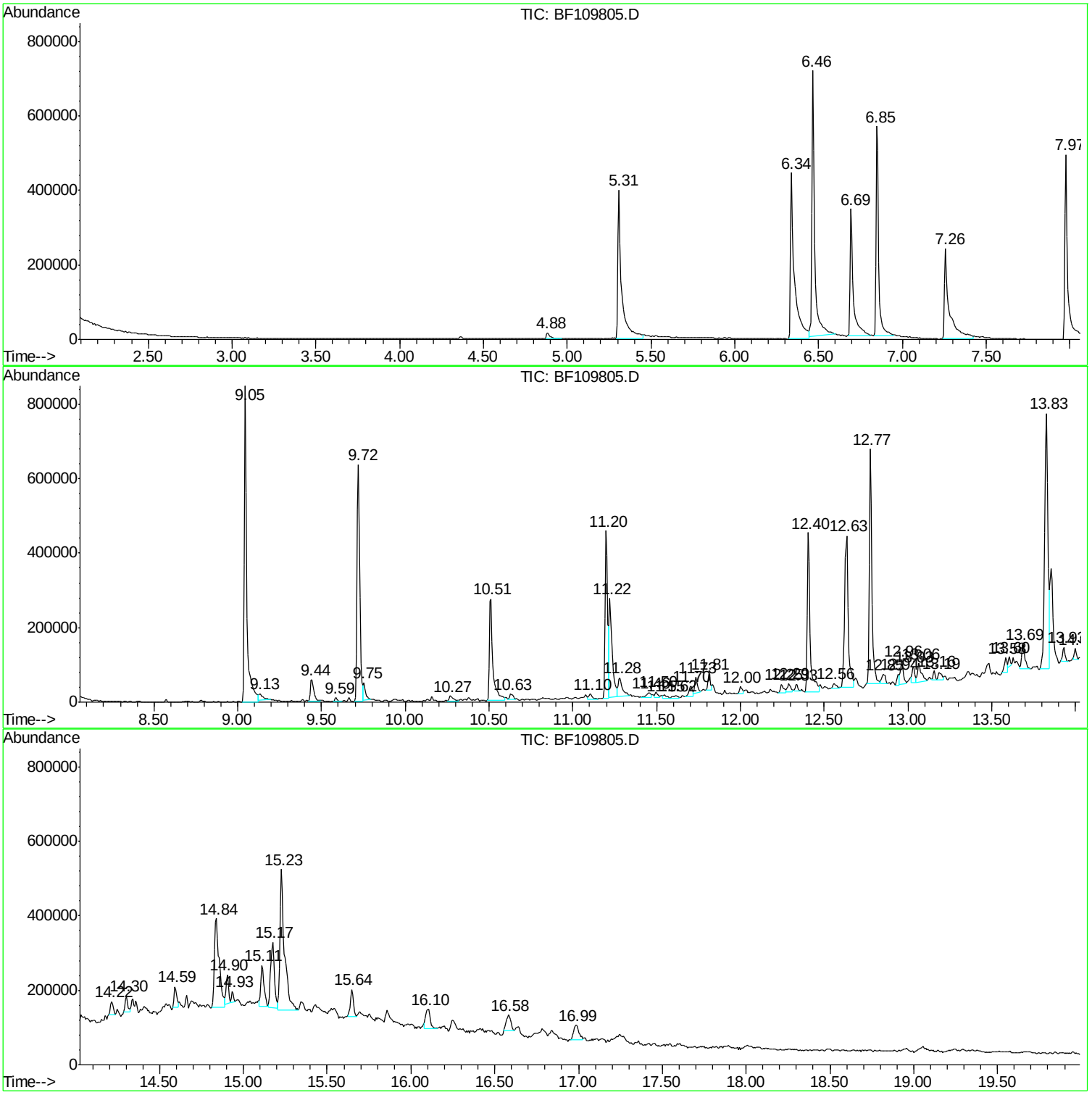
Instrument : BNA_F
ClientSampleId : DOCUMENTATION-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

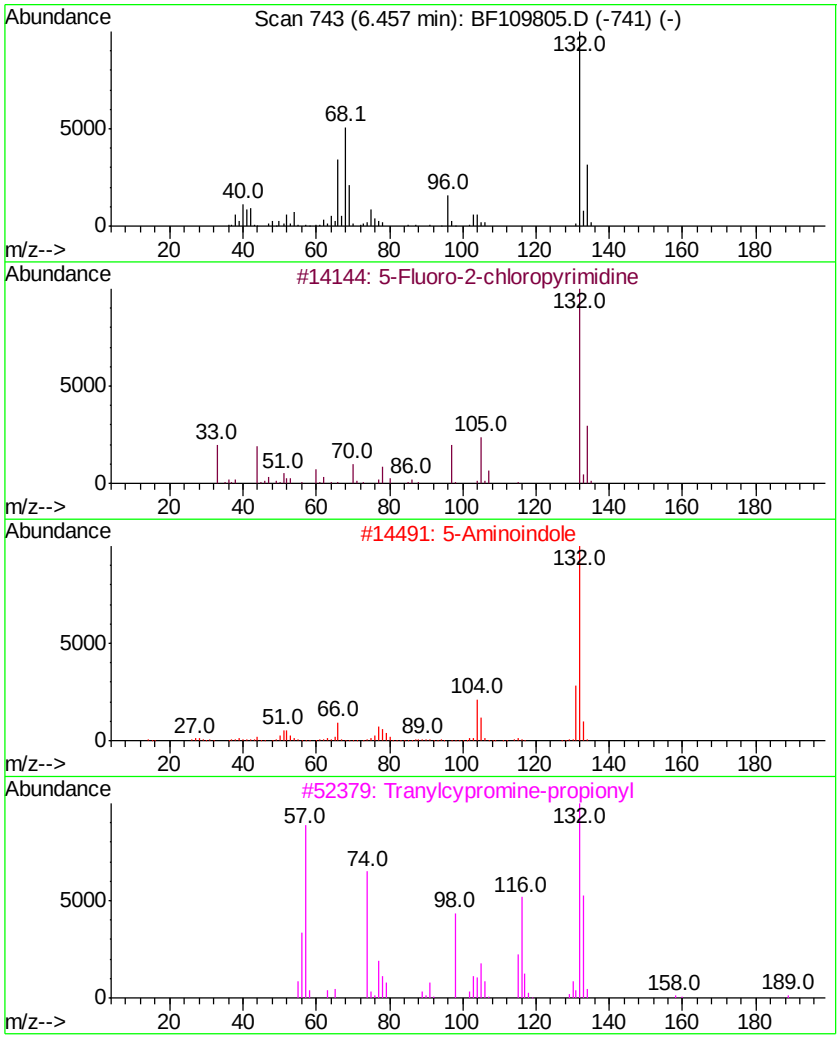
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

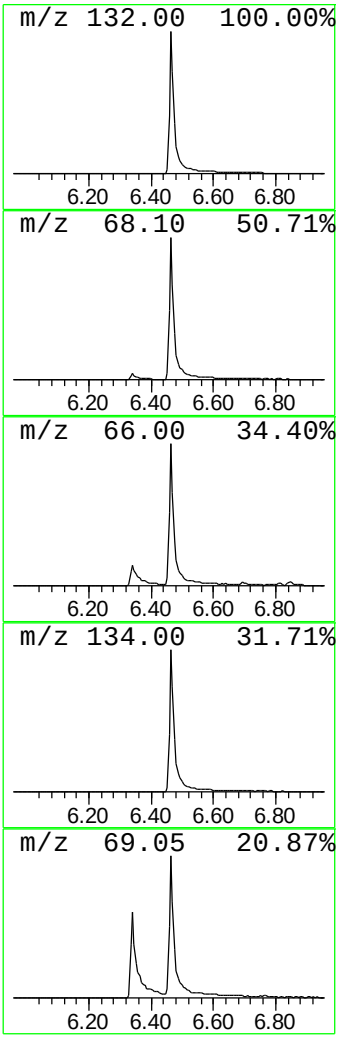
****

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	36.48 ng	850065	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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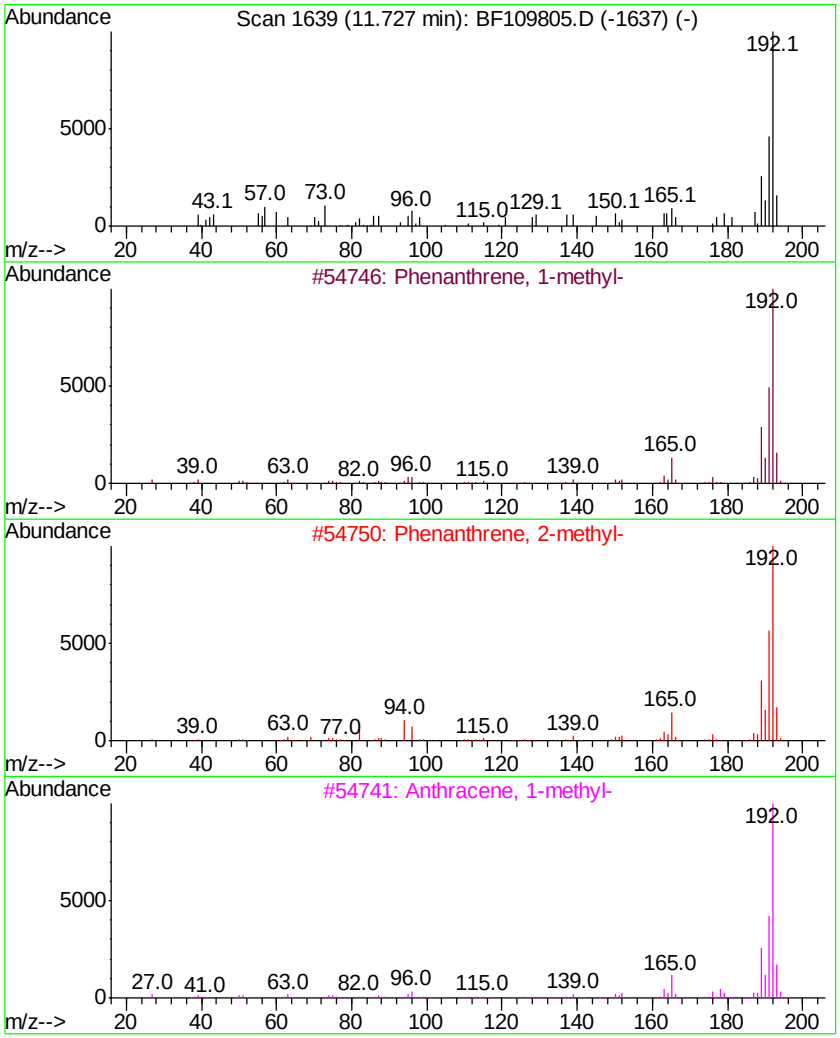
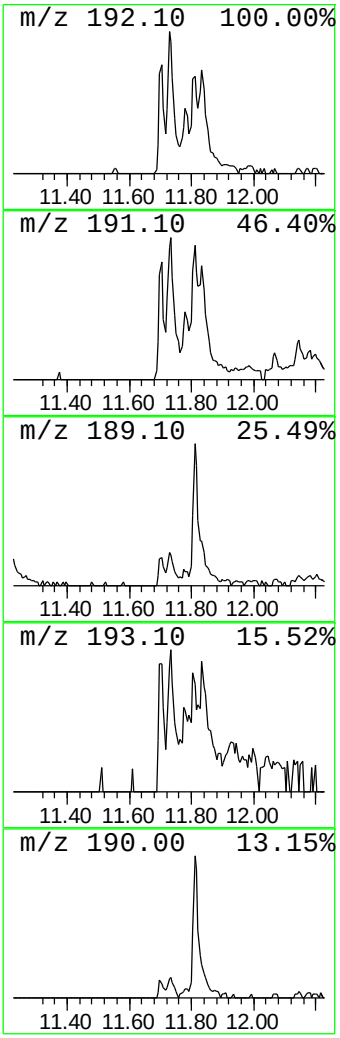
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.02 ng	51941	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	62
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	62
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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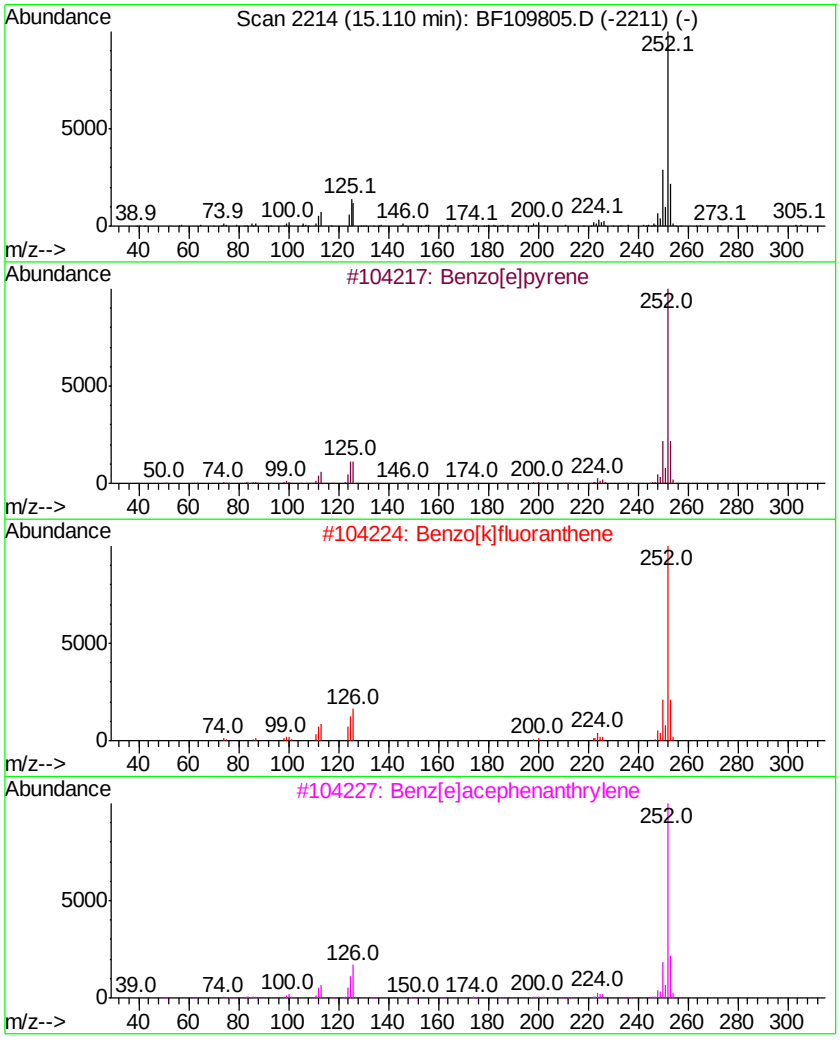
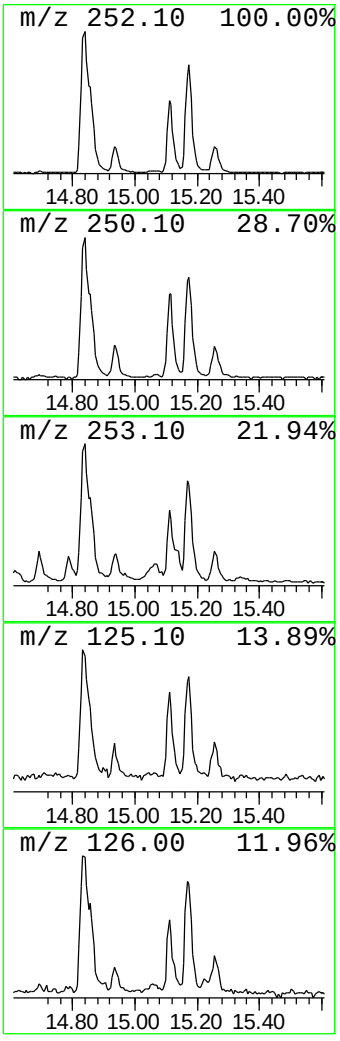
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.45 ng	157559	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOCUMENTATION-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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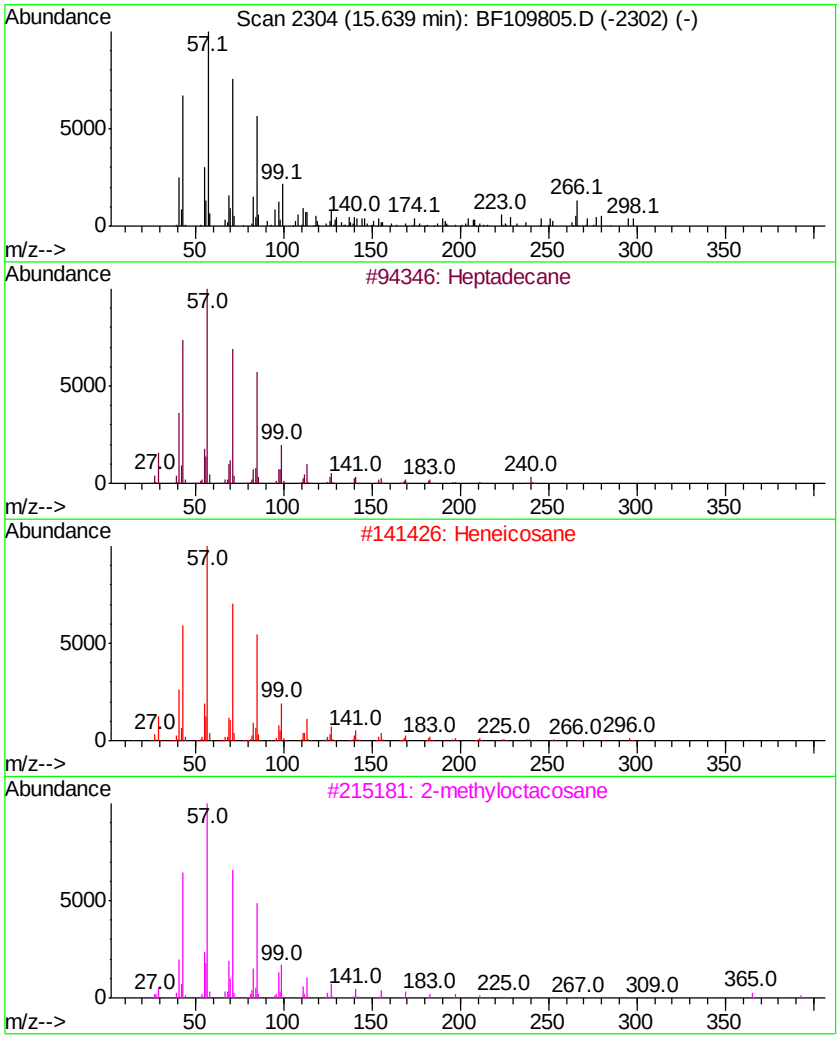
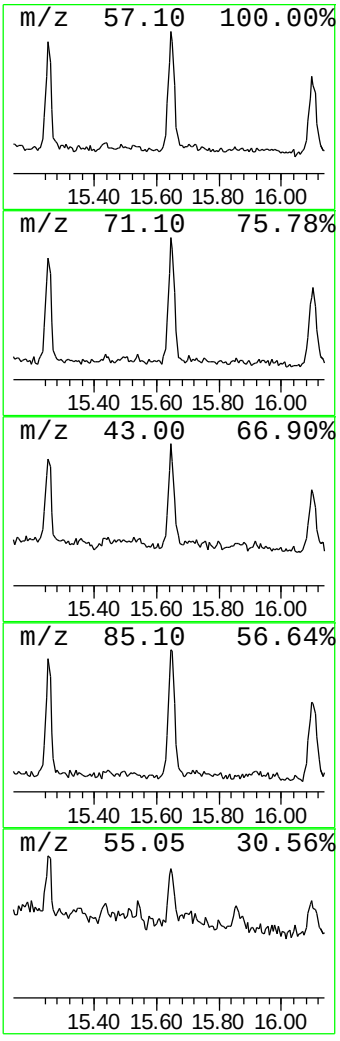
Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.49 ng	88126	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Nonadecane	268	C19H40	000629-92-5	72





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

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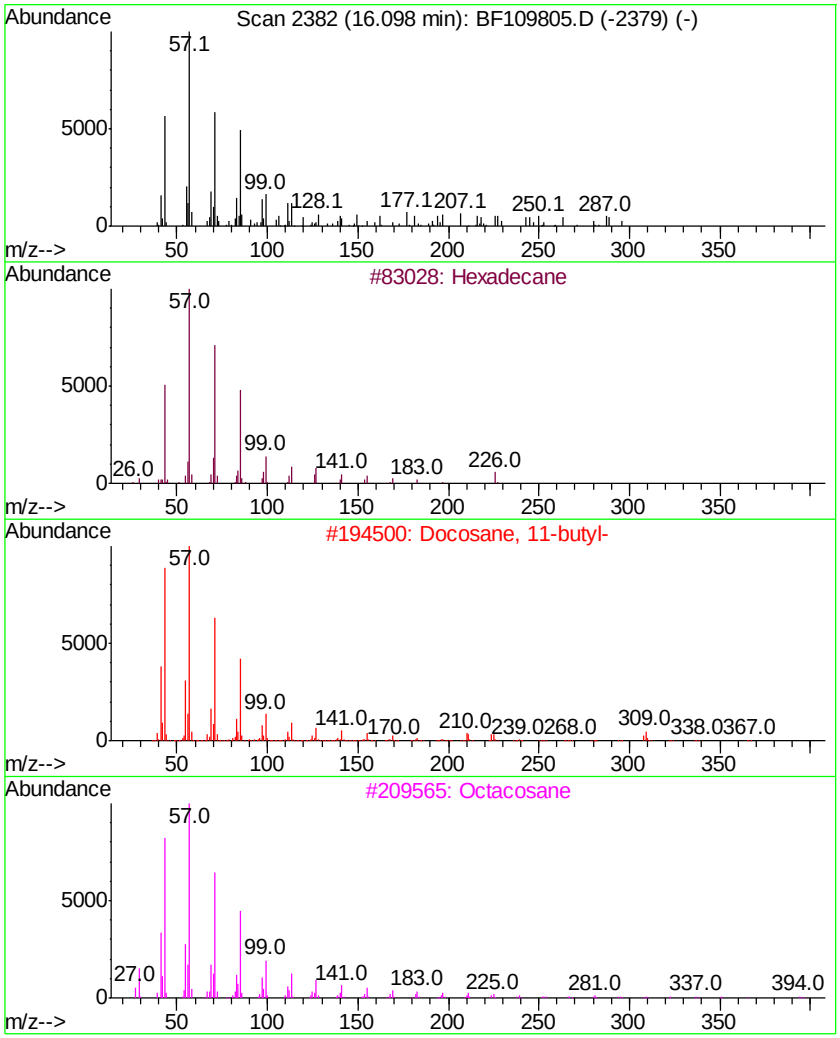
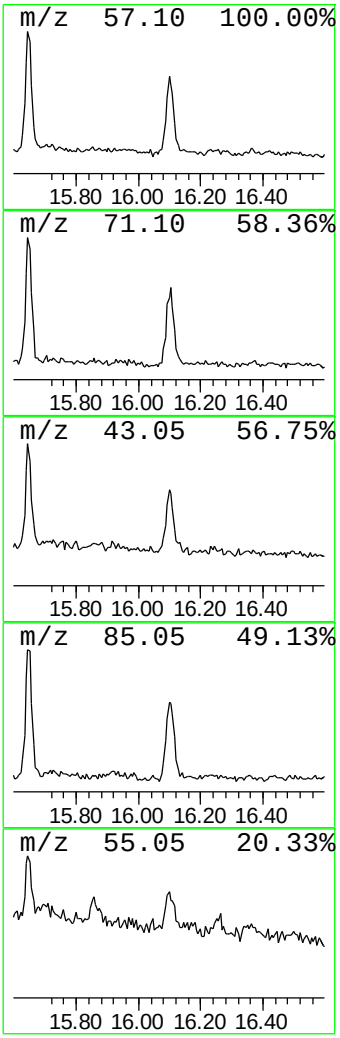
Peak Number 6 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.58 ng	91270	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
3	Octacosane	394	C28H58	000630-02-4	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.46	6.46	36.5	ng	850065	1	6.69	466029	20.0
Phenanthrene, 1-m...	11.73	2.0	ng	51941	4	11.20	514080	20.0
Benzo[e]pyrene	15.11	4.5	ng	157559	6	15.23	708875	20.0
Heptadecane	15.64	2.5	ng	88126	6	15.23	708875	20.0
Hexadecane	16.10	2.6	ng	91270	6	15.23	708875	20.0