LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113069.D
Acq On : 15 Mar 2019 16:49
Operator : JU/SJ
Sample : K1911-04 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200051

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-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	5.334	548	552	567	rBV	671828	675407	41.29%	4.012%
2	6.363	723	727	740	rBV	745508	721013	44.08%	4.283%
3	6.492	746	749	756	rBV	873521	737006	45.06%	4.378%
4	6.728	785	789	799	rBV	842763	814750	49.81%	4.840%
5	6.881	811	815	824	rBV	699819	565266	34.56%	3.358%
6	7.281	880	883	893	rBV	385609	409629	25.04%	2.434%
7	8.010	1003	1007	1033	rBV	891169	1119126	68.42%	6.649%
8	8.722	1125	1128	1135	rBV	18584	23437	1.43%	0.139%
9	9.080	1185	1189	1204	rBV	791553	874579	53.47%	5.196%
10	9.474	1253	1256	1262	rBV	37134	36954	2.26%	0.220%
11	9.757	1300	1304	1308	rBV	1262450	1213738	74.20%	7.211%
12	9.786	1308	1309	1315	rVB	106175	84715	5.18%	0.503%
13	9.963	1336	1339	1344	rBV	42749	48109	2.94%	0.286%
14	10.304	1394	1397	1403	rBV2	88823	84093	5.14%	0.500%
15	10.539	1434	1437	1452	rVB	613108	662418	40.50%	3.935%
16	11.133	1532	1538	1542	rVB2	19193	26057	1.59%	0.155%
17	11.233	1551	1555	1558	rBV	1487759	1457943	89.13%	8.661%
18	11.257	1558	1559	1566	rVV	403688	305593	18.68%	1.815%
19	11.310	1566	1568	1572	rVB	40928	39572	2.42%	0.235%
20	11.468	1591	1595	1601	rBV	22583	26692	1.63%	0.159%
21	11.739	1636	1641	1643	rBV	26296	28534	1.74%	0.170%
22	11.768	1643	1646	1651	rVV2	87266	98077	6.00%	0.583%
23	11.845	1656	1659	1662	rBV	54299	57882	3.54%	0.344%
24	12.033	1686	1691	1693	rBV	17230	18721	1.14%	0.111%
25	12.439	1757	1760	1767	rBV	345782	314709	19.24%	1.870%
26	12.668	1793	1799	1806	rBV	256163	310020	18.95%	1.842%
27	12.810	1820	1823	1831	rVB	1121274	1081102	66.09%	6.423%
28	12.892	1832	1837	1841	rVB3	14478	23933	1.46%	0.142%
29	12.974	1848	1851	1852	rBV3	19189	20850	1.27%	0.124%
30	12.998	1852	1855	1858	rVV2	39704	44308	2.71%	0.263%
31	13.062	1858	1866	1869	rVV3	48703	61165	3.74%	0.363%
32	13.098	1869	1872	1880	rVB3	31904	50302	3.08%	0.299%
33	13.398	1917	1923	1925	rBV5	14972	20867	1.28%	0.124%
34	13.504	1938	1941	1945	rVB	20332	21035	1.29%	0.125%

LSC Area Percent Report

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Sample : K1911-04 5X
Misc :
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Instrument : BNA_F
ClientSampleId : RBR200051

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.610	1956	1959	1962	rBV2	22100	27063	1.65%	0.161%
36	13.639	1962	1964	1966	rVV	24540	19604	1.20%	0.116%
37	13.662	1966	1968	1972	rVV2	17284	19474	1.19%	0.116%
38	13.727	1974	1979	1986	rVV4	90834	156715	9.58%	0.931%
39	13.862	1996	2002	2005	rBV	1506387	1635692	100.00%	9.717%
40	14.039	2029	2032	2035	rBV	42101	44346	2.71%	0.263%
41	14.251	2064	2068	2071	rBV3	23279	33164	2.03%	0.197%
42	14.292	2071	2075	2077	rBV4	13271	17885	1.09%	0.106%
43	14.339	2080	2083	2086	rVV	84944	82544	5.05%	0.490%
44	14.633	2130	2133	2137	rBV	116408	122676	7.50%	0.729%
45	14.704	2142	2145	2151	rVV3	37258	39738	2.43%	0.236%
46	14.868	2170	2173	2183	rBV	85233	164590	10.06%	0.978%
47	14.951	2183	2187	2194	rVB2	139849	168308	10.29%	1.000%
48	15.151	2218	2221	2227	rVB	41377	55281	3.38%	0.328%
49	15.209	2227	2231	2235	rVB	42901	56583	3.46%	0.336%
50	15.268	2236	2241	2245	rBV	1039988	1364210	83.40%	8.105%
51	15.304	2245	2247	2254	rVB	179893	208625	12.75%	1.239%
52	15.709	2311	2316	2321	rBV	143462	211505	12.93%	1.257%
53	16.174	2390	2395	2406	rVB	114860	204710	12.52%	1.216%
54	16.721	2483	2488	2494	rVB2	61839	122369	7.48%	0.727%

Sum of corrected areas: 16832684

LSC Report - Integrated Chromatogram

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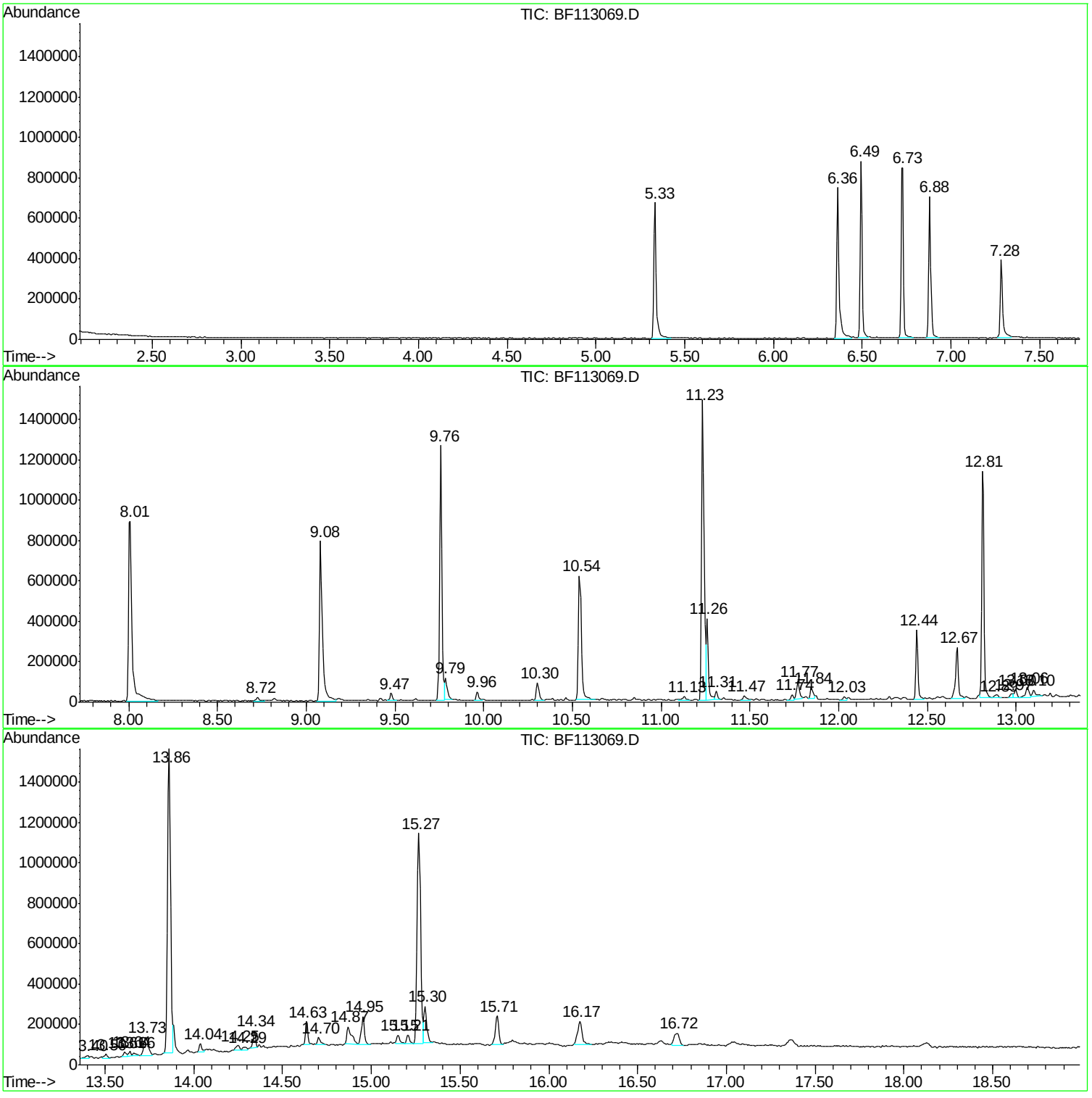
Sample : K1911-04 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200051

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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Acq On : 15 Mar 2019 16:49
Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200051

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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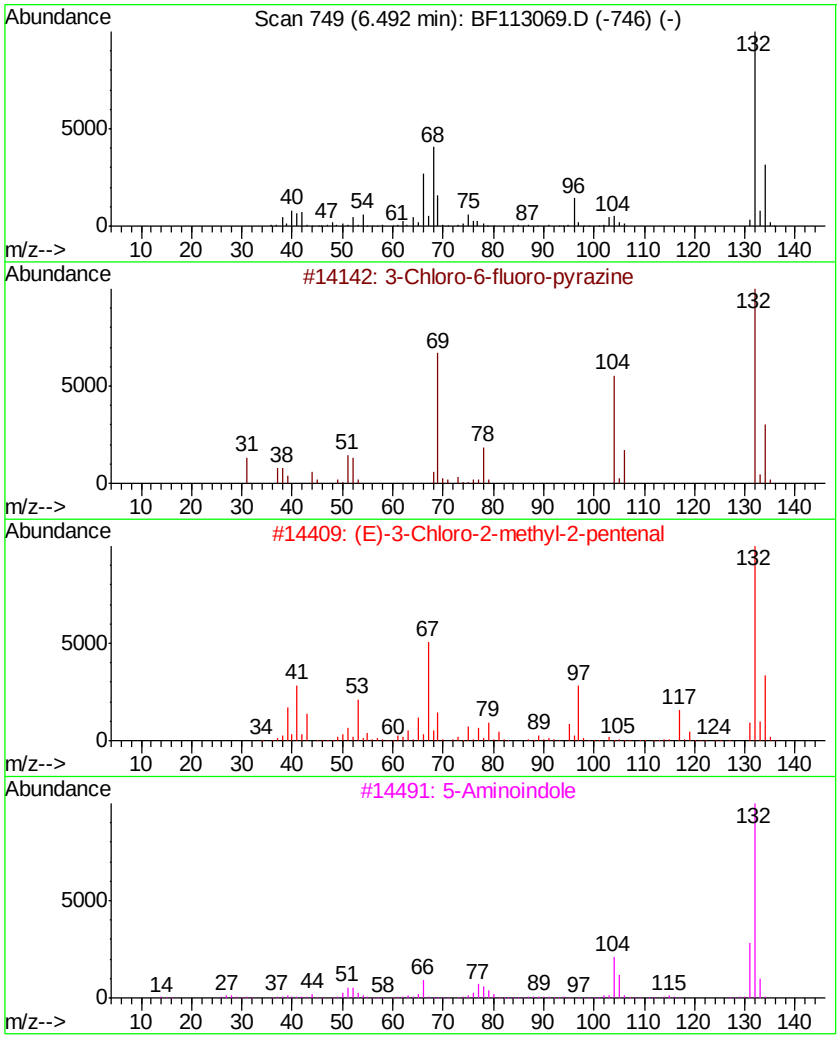
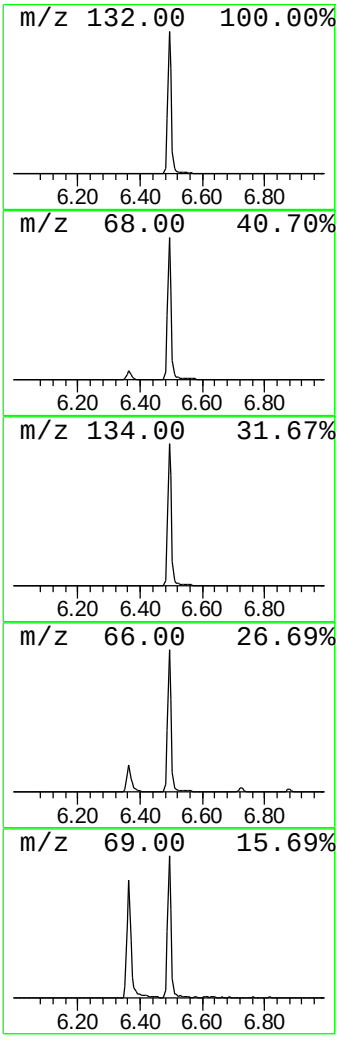
Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	18.09 ng	737006	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Acq On : 15 Mar 2019 16:49
Operator : JU/SJ
Sample : K1911-04 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200051

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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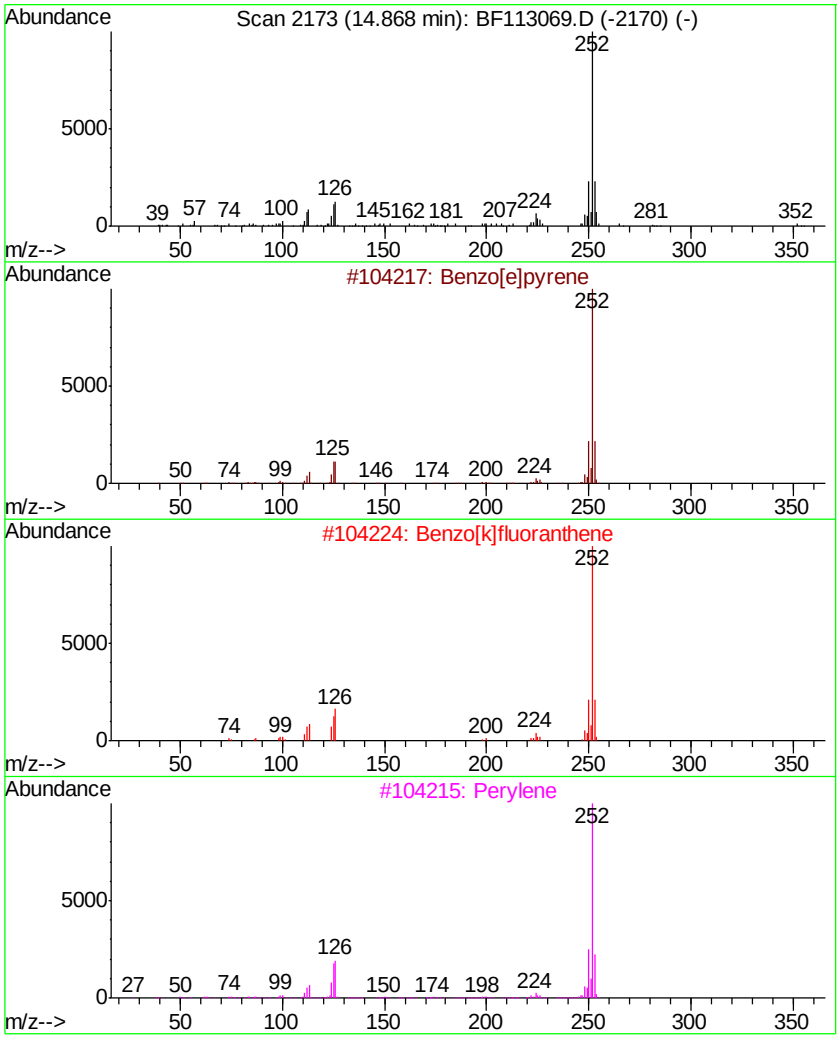
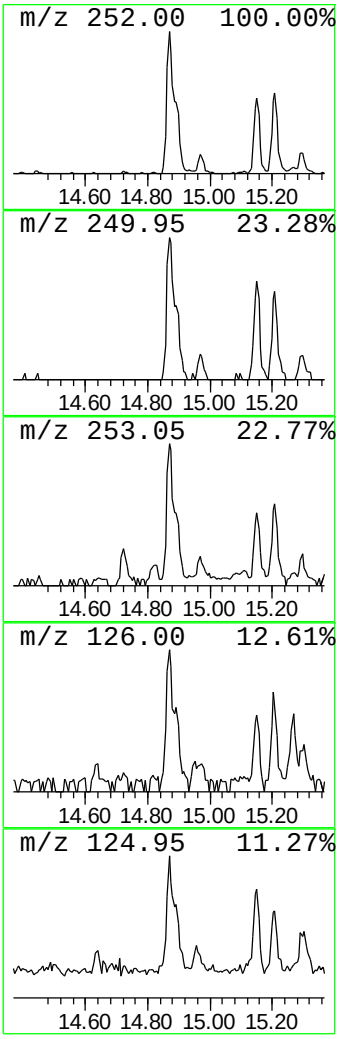
Peak Number 3 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.41 ng	164590	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Library Search Compound Report

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Sample : K1911-04 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200051

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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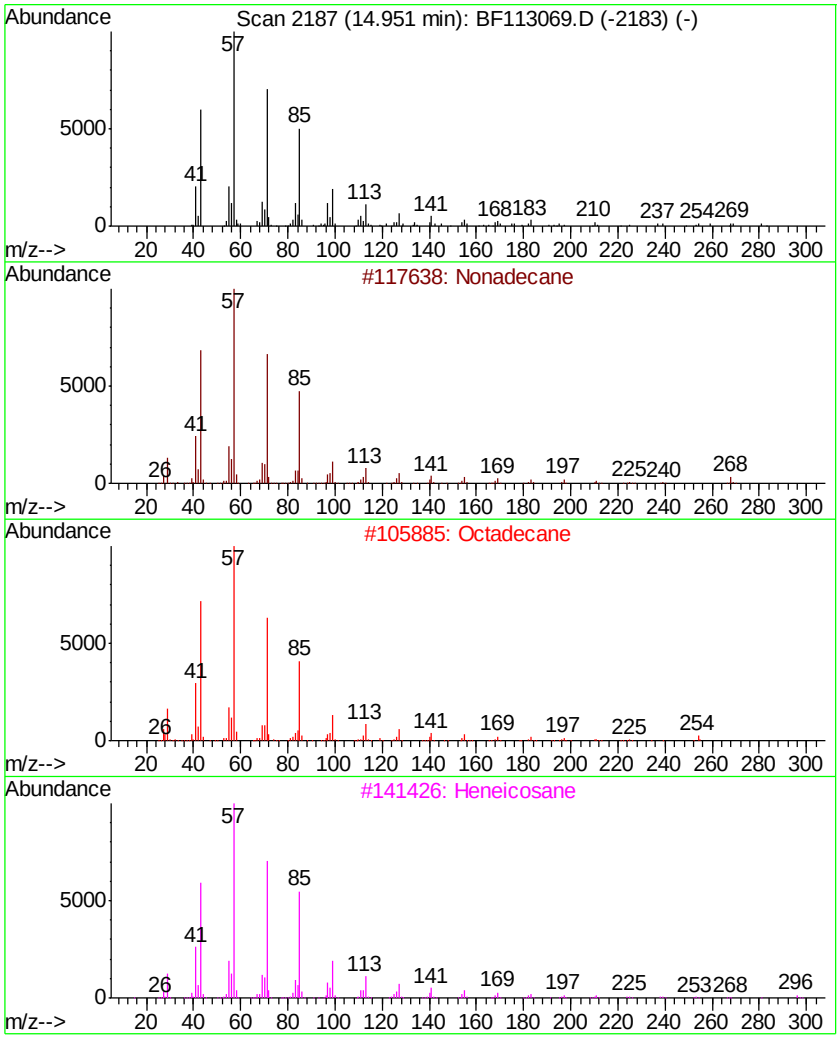
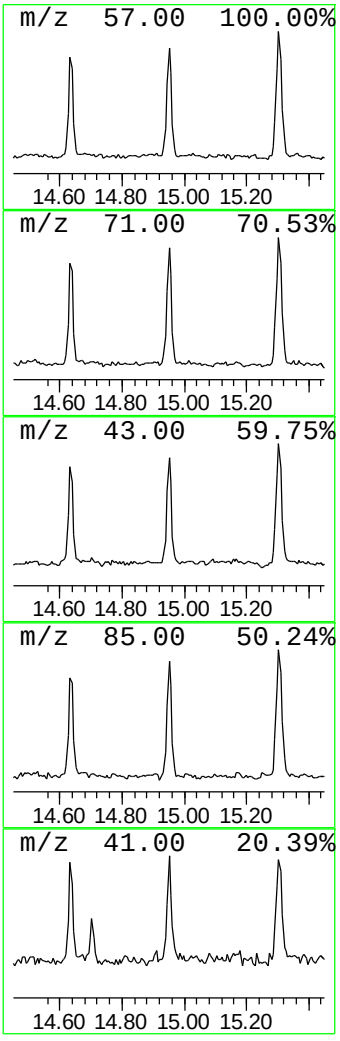
Peak Number 4 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.47 ng	168308	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RBR200051

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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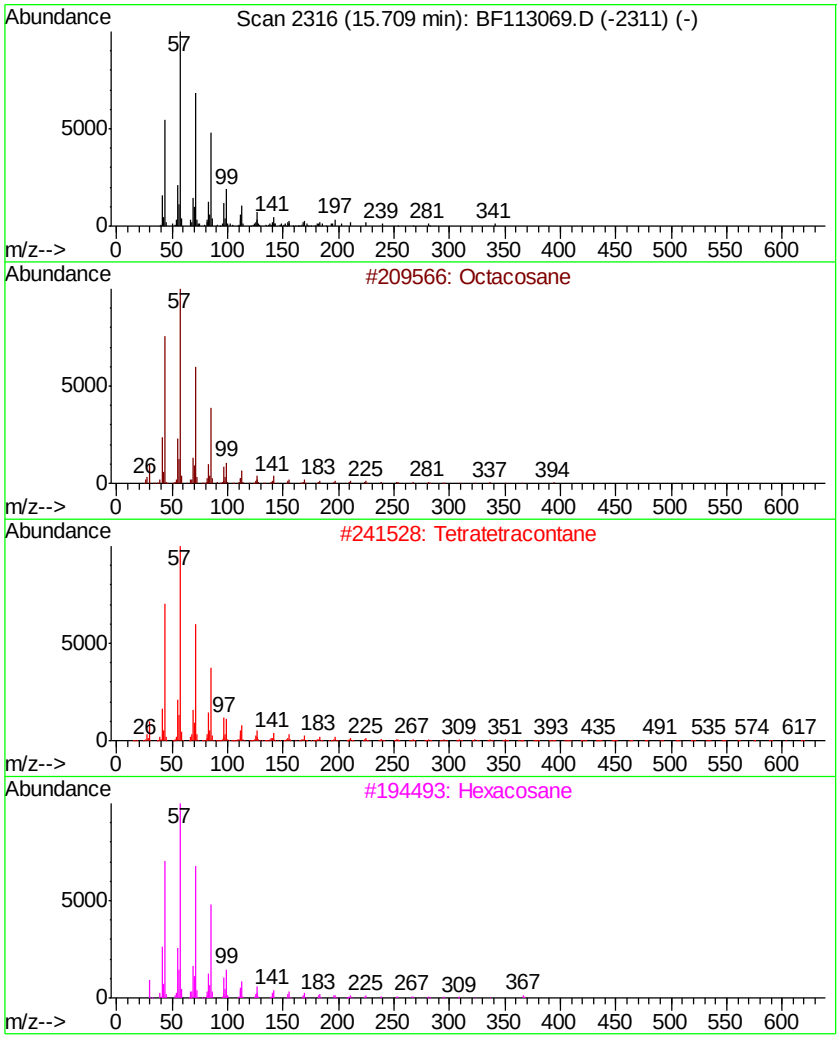
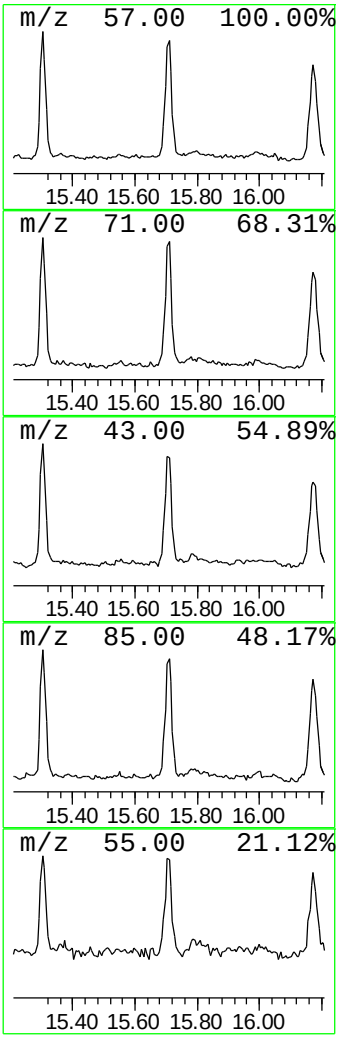
Peak Number 5 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	3.10 ng	211505	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





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Misc :
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Instrument : BNA_F
ClientSampleId : RBR200051

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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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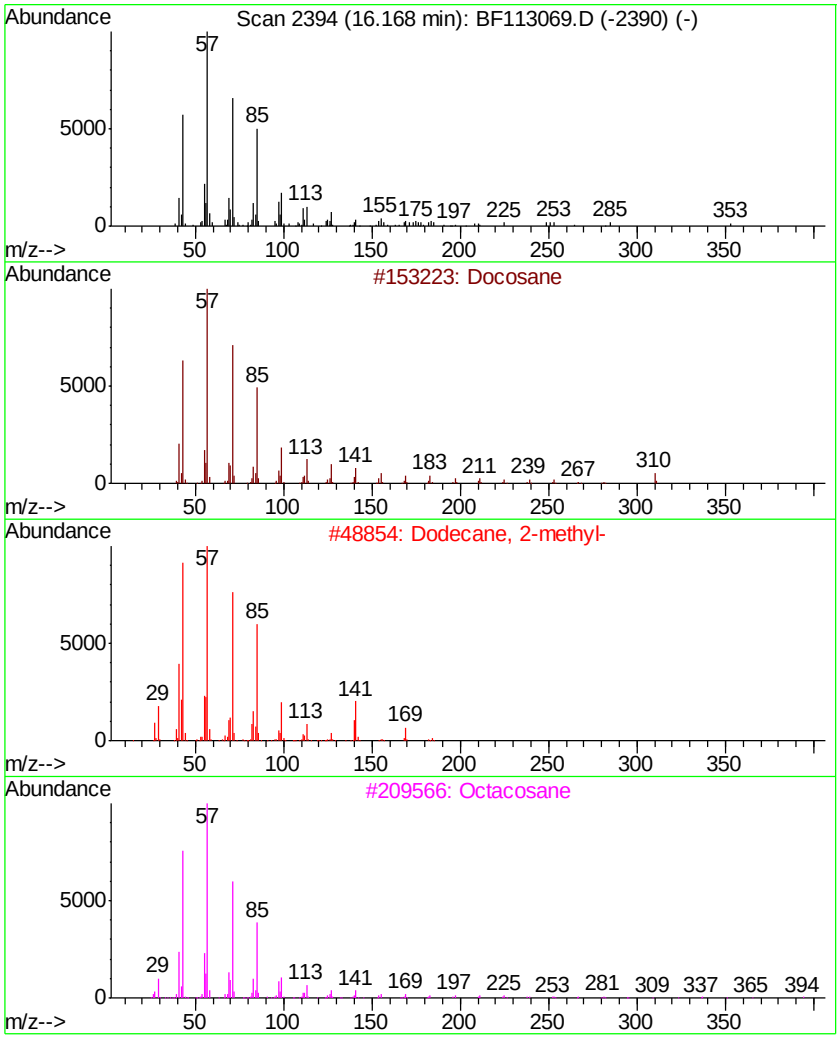
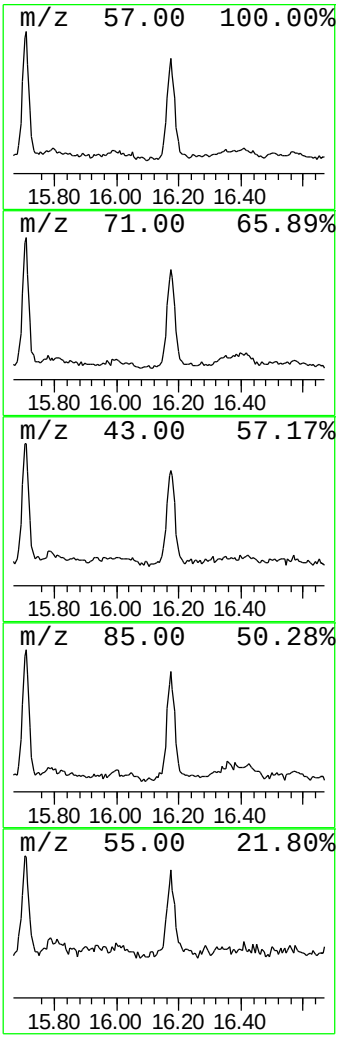
Peak Number 6 Docosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.00 ng	204710	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





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
unknown6.49	6.49	18.1	ng	737006	1	6.73	814750	20.0
Benzo[e]pyrene	14.87	2.4	ng	164590	6	15.27	1364210	20.0
Nonadecane	14.95	2.5	ng	168308	6	15.27	1364210	20.0
Octacosane	15.71	3.1	ng	211505	6	15.27	1364210	20.0
Docosane	16.17	3.0	ng	204710	6	15.27	1364210	20.0