LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

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-BF040319.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	5.298	543	546	566	rBV	225851	398760	30.21%	3.197%
2	6.340	720	723	739	rBV	238024	437335	33.14%	3.506%
3	6.457	739	743	752	rVB	386128	457527	34.67%	3.668%
4	6.675	777	780	792	rBV	785131	766743	58.09%	6.147%
5	6.834	804	807	823	rBV	358319	359364	27.23%	2.881%
6	7.245	874	877	895	rBV	152776	259305	19.65%	2.079%
7	7.963	995	999	1031	rBV	847779	999952	75.76%	8.017%
8	9.034	1178	1181	1192	rBV	426729	434684	32.93%	3.485%
9	9.434	1247	1249	1255	rVB	32465	32690	2.48%	0.262%
10	9.710	1292	1296	1313	rVB	1002440	960042	72.74%	7.697%
11	9.922	1326	1332	1336	rBV2	8552	14595	1.11%	0.117%
12	10.263	1387	1390	1396	rVB2	16793	19877	1.51%	0.159%
13	10.504	1427	1431	1441	rBV	207046	248287	18.81%	1.991%
14	10.622	1448	1451	1457	rVB5	9786	16317	1.24%	0.131%
15	10.804	1476	1482	1486	rBV7	7137	13723	1.04%	0.110%
16	11.051	1521	1524	1529	rBV5	9108	17326	1.31%	0.139%
17	11.092	1529	1531	1535	rVB	17099	16233	1.23%	0.130%
18	11.192	1544	1548	1550	rBV	967934	876201	66.39%	7.025%
19	11.216	1550	1552	1557	rVV	290550	273908	20.75%	2.196%
20	11.269	1559	1561	1566	rVB	52513	56734	4.30%	0.455%
21	11.439	1586	1590	1596	rBV2	27231	36585	2.77%	0.293%
22	11.692	1630	1633	1636	rBV	33463	32812	2.49%	0.263%
23	11.727	1636	1639	1644	rVV	75001	89688	6.80%	0.719%
24	11.804	1649	1652	1655	rBV2	55157	58726	4.45%	0.471%
25	11.986	1681	1683	1687	rBV	21471	19293	1.46%	0.155%
26	12.239	1723	1726	1729	rBV	32521	34983	2.65%	0.280%
27	12.280	1730	1733	1735	rVV4	21057	21192	1.61%	0.170%
28	12.404	1750	1754	1758	rBV	466939	448798	34.00%	3.598%
29	12.439	1758	1760	1763	rVB3	14755	19779	1.50%	0.159%
30	12.551	1777	1779	1783	rVB2	24316	23153	1.75%	0.186%
31	12.627	1787	1792	1799	rBV	384297	475862	36.05%	3.815%
32	12.686	1800	1802	1808	rVB3	25527	30715	2.33%	0.246%
33	12.769	1812	1816	1819	rBV	459655	412708	31.27%	3.309%
34	12.851	1826	1830	1834	rBV2	32208	61484	4.66%	0.493%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.939	1842	1845	1846	rBV2	31288	31738	2.40%	0.254%
36	12.963	1846	1849	1852	rVV2	82281	78003	5.91%	0.625%
37	13.004	1854	1856	1858	rBV	33328	30799	2.33%	0.247%
38	13.027	1858	1860	1862	rVV	58404	46001	3.49%	0.369%
39	13.063	1864	1866	1873	rVB2	50020	69486	5.26%	0.557%
40	13.157	1879	1882	1885	rBV	34553	37798	2.86%	0.303%
41	13.186	1885	1887	1891	rVV2	27191	29326	2.22%	0.235%
42	13.345	1911	1914	1916	rBV	51433	47914	3.63%	0.384%
43	13.580	1952	1954	1956	rBV	51456	46085	3.49%	0.369%
44	13.627	1960	1962	1963	rVV	31219	25019	1.90%	0.201%
45	13.674	1967	1970	1975	rVB2	63243	88510	6.71%	0.710%
46	13.827	1989	1996	1999	rBV2	1049810	1319829	100.00%	10.581%
47	13.851	1999	2000	2008	rVB	264000	216430	16.40%	1.735%
48	13.986	2021	2023	2028	rVB	74758	68876	5.22%	0.552%
49	14.292	2072	2075	2077	rBV2	108651	96794	7.33%	0.776%
50	14.586	2122	2125	2129	rVB	103696	101342	7.68%	0.812%
51	14.839	2165	2168	2175	rBV	219189	390860	29.61%	3.134%
52	14.892	2175	2177	2182	rVB2	111946	118204	8.96%	0.948%
53	15.121	2213	2216	2222	rVB	121035	147112	11.15%	1.179%
54	15.180	2223	2226	2231	rVB	181110	198500	15.04%	1.591%
55	15.233	2231	2235	2240	rBV	558827	752419	57.01%	6.032%
56	15.633	2300	2303	2310	rVB3	74847	106894	8.10%	0.857%

Sum of corrected areas: 12473320

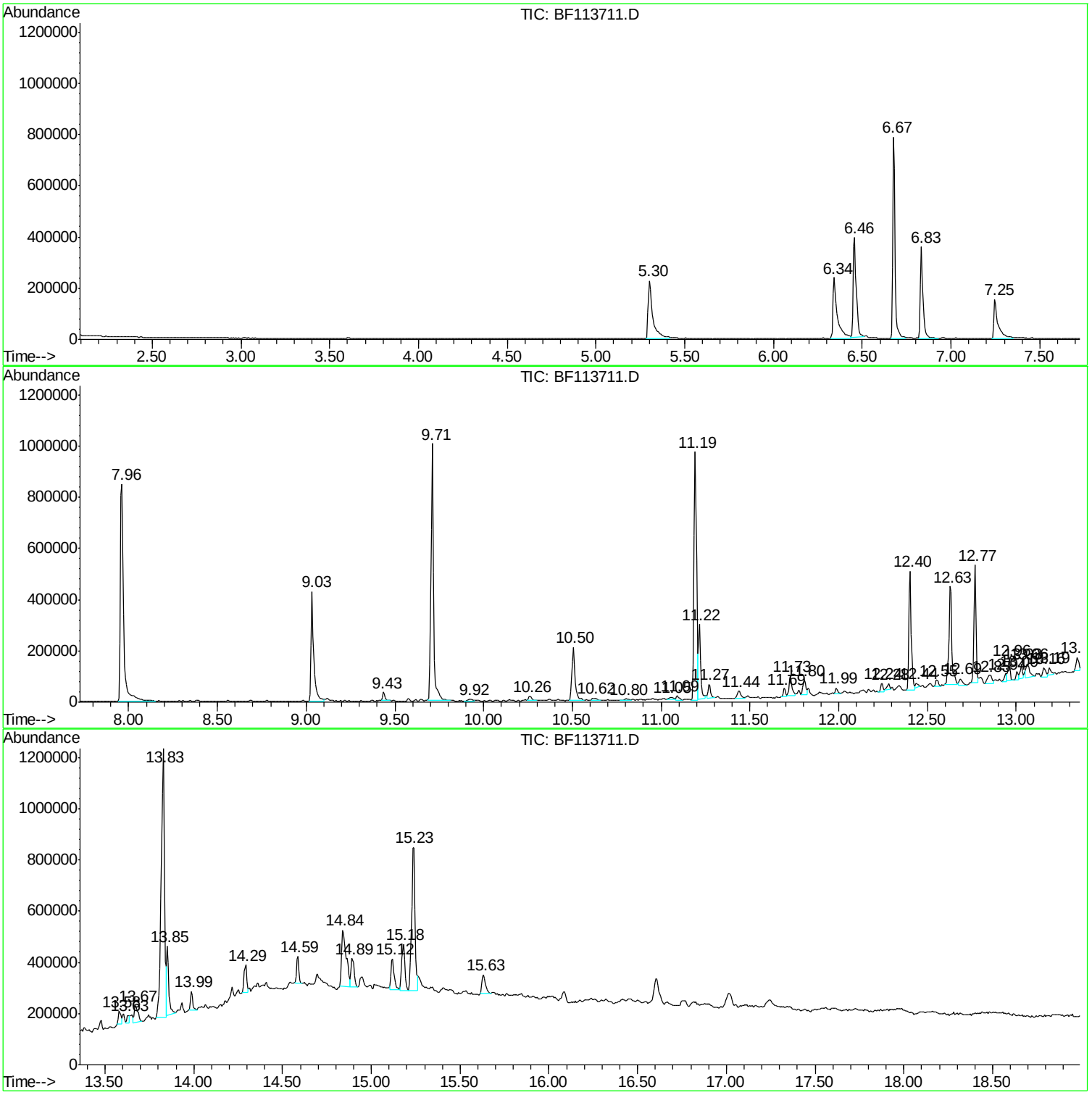
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF041019\
Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

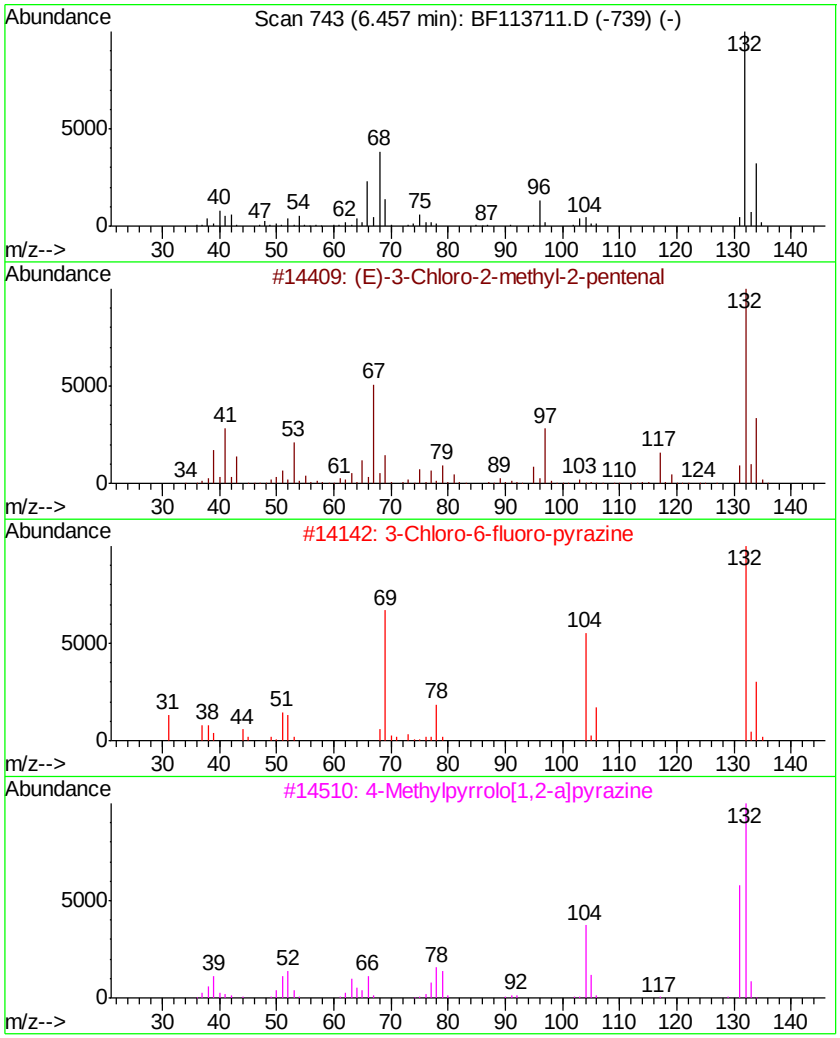
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

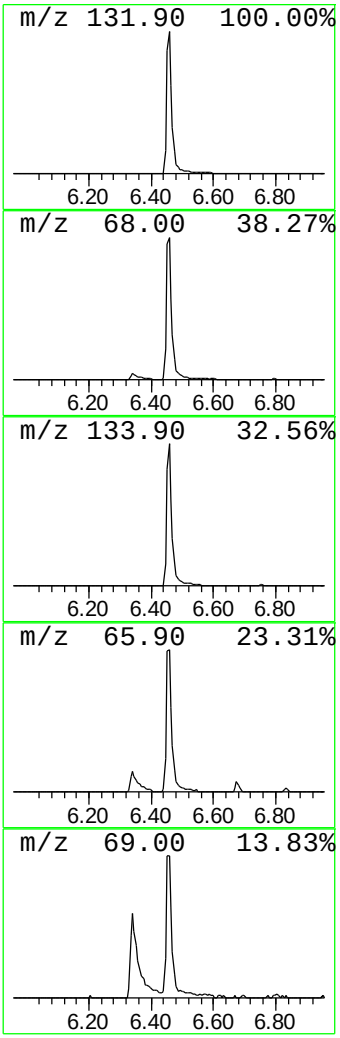
****

Peak Number 1 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	11.93 ng	457527	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
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Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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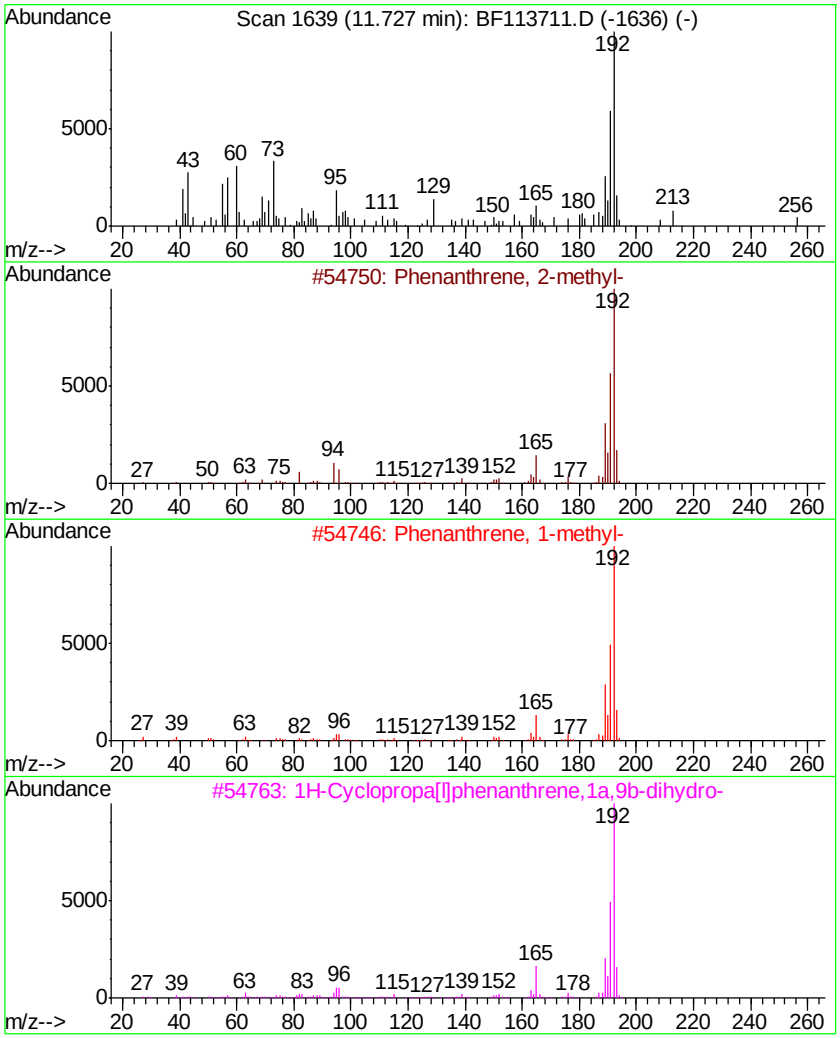
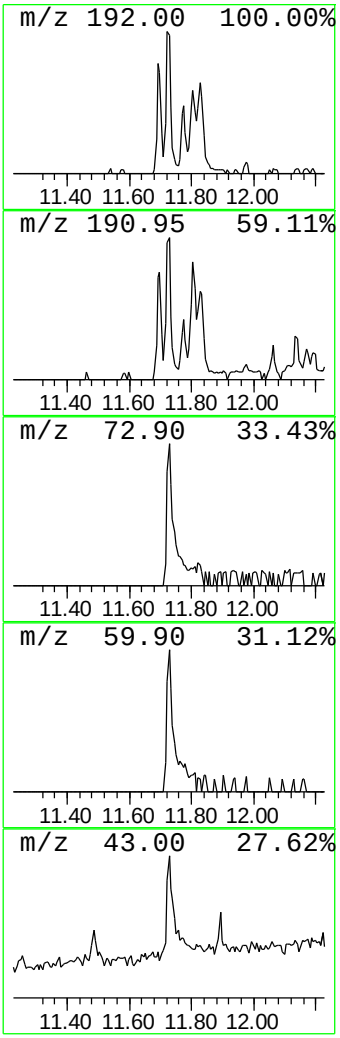
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.05 ng	89688	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	83
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78





Library Search Compound Report

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Data File : BF113711.D
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Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

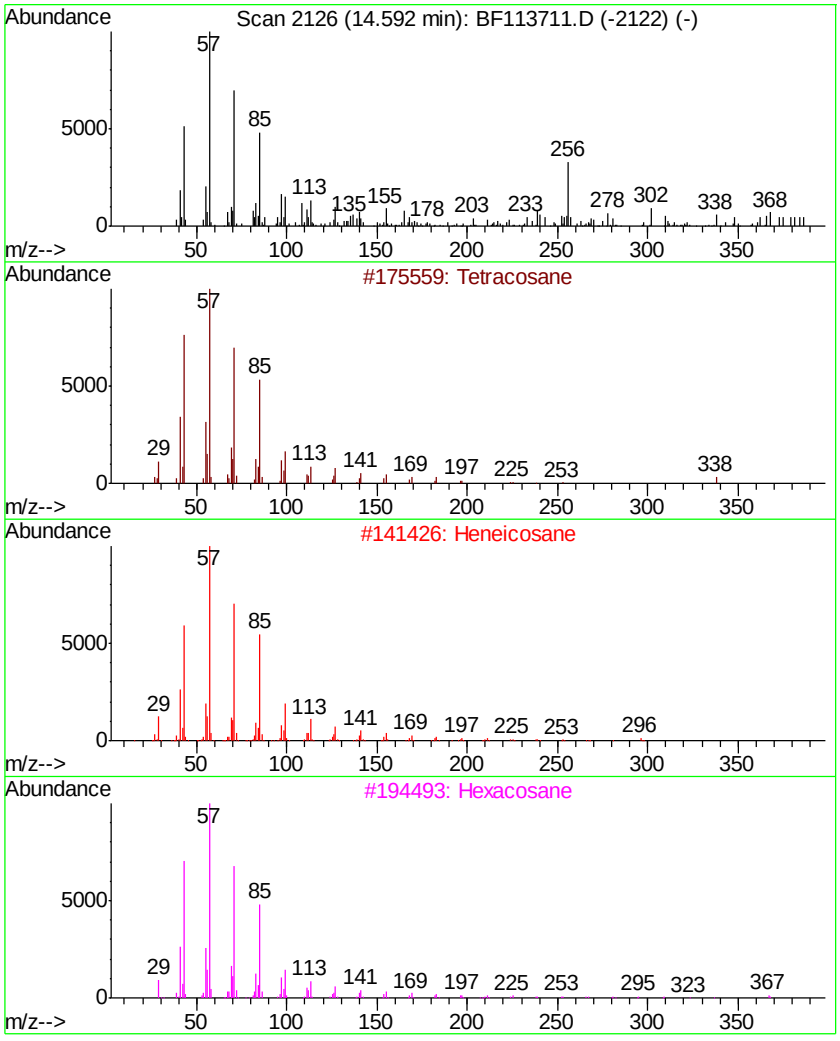
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

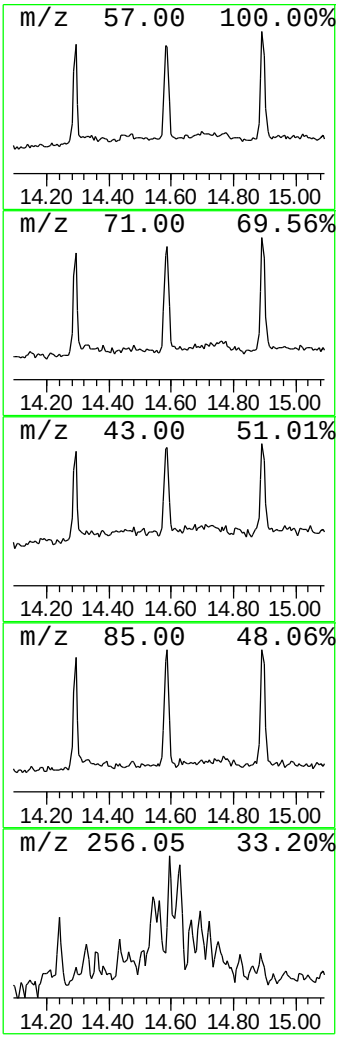
****

Peak Number 4 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.69 ng	101342	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Docosane	310	C22H46	000629-97-0	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





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Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

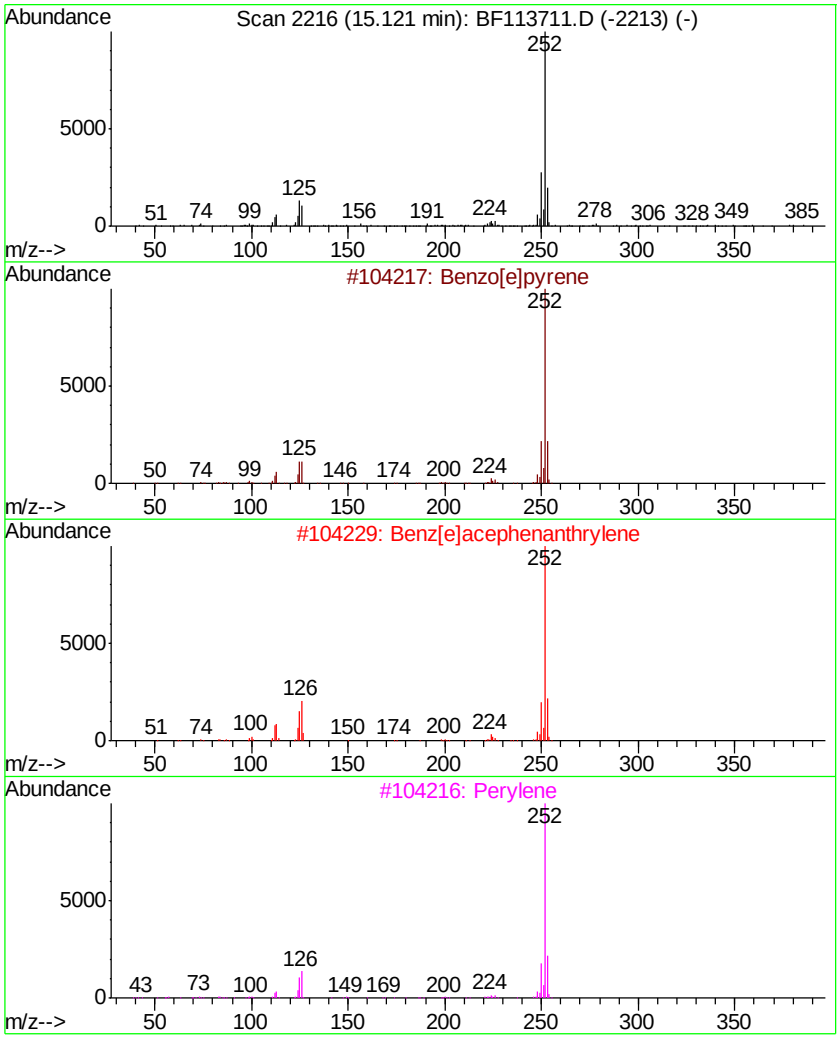
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

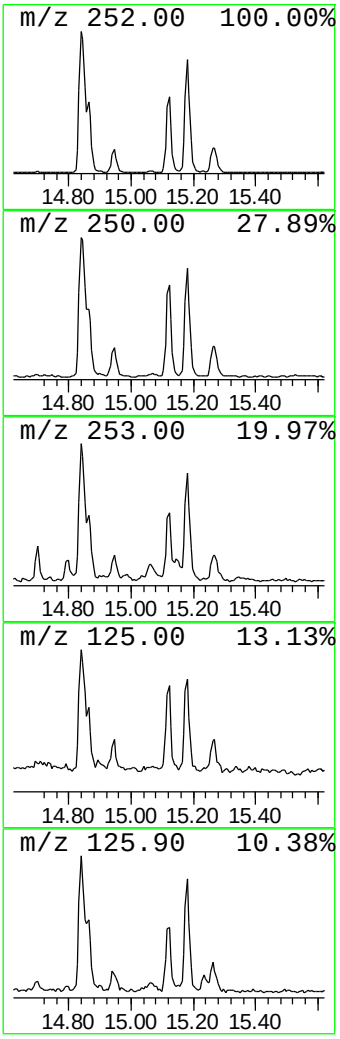
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.91 ng	147112	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

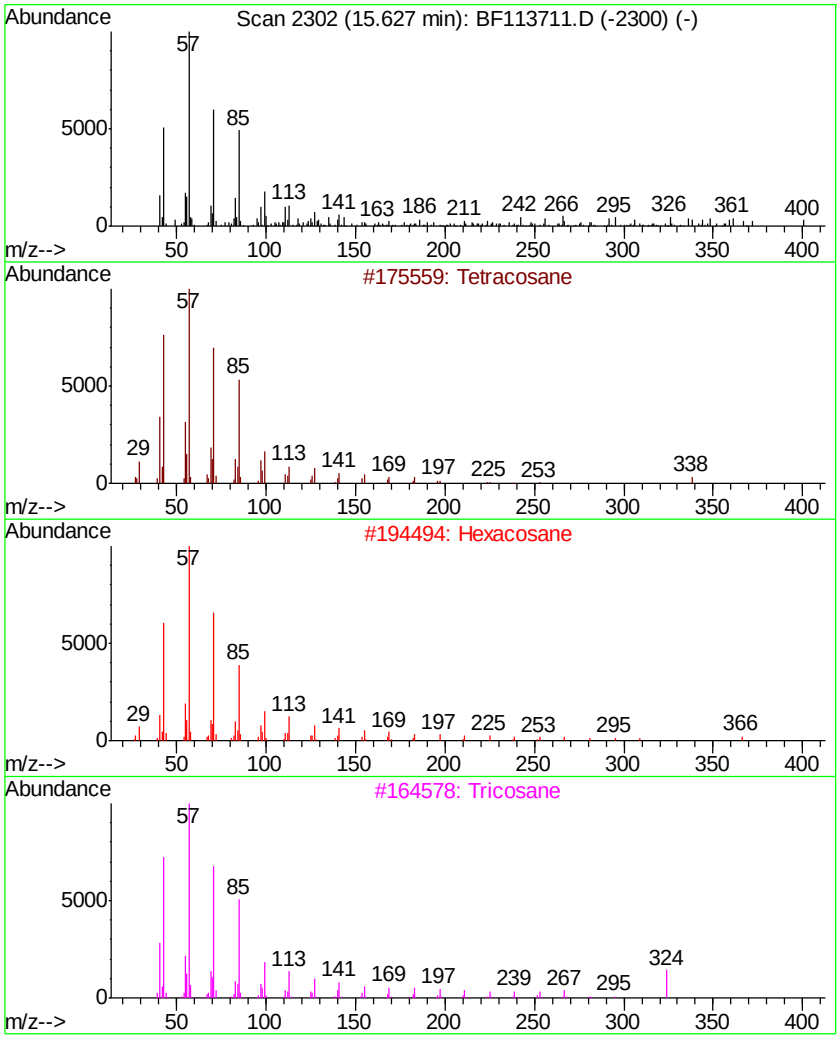
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

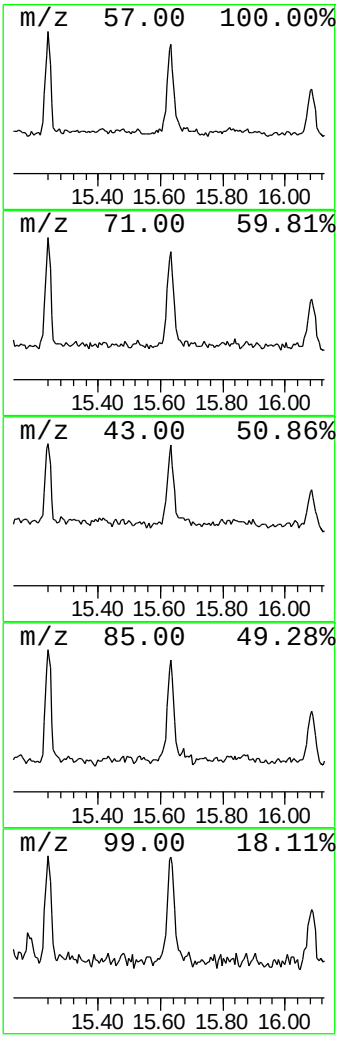
****

Peak Number 6 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.84 ng	106894	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tricosane	324	C23H48	000638-67-5	76
4	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	74
5	Heptacosane	380	C27H56	000593-49-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041019\
Data File : BF113711.D
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-11-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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	11.9	ng	457527	1	6.67	766743	20.0
Phenanthrene, 2-m...	11.73	2.0	ng	89688	4	11.19	876201	20.0
Tetracosane	14.59	2.7	ng	101342	6	15.23	752419	20.0
Benzo[e]pyrene	15.12	3.9	ng	147112	6	15.23	752419	20.0
Hexacosane	15.63	2.8	ng	106894	6	15.23	752419	20.0