LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

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	4.257	365	369	375	rBV	36645	50530	1.58%	0.152%
2	4.904	476	479	493	rVB	152215	192294	6.01%	0.579%
3	5.340	549	553	566	rBV	2126810	2058999	64.32%	6.203%
4	6.375	724	729	746	rBV	2346303	2586292	80.79%	7.791%
5	6.498	746	750	753	rBV	2765322	2334699	72.93%	7.033%
6	6.728	785	789	792	rBV	1057460	874858	27.33%	2.635%
7	6.881	812	815	819	rBV	1976962	1791035	55.95%	5.395%
8	7.287	879	884	891	rBV	1582907	1405721	43.91%	4.235%
9	8.010	1003	1007	1013	rBV	1373300	1276486	39.88%	3.845%
10	9.081	1186	1189	1203	rBV	3136088	3201137	100.00%	9.643%
11	9.175	1203	1205	1213	rVB4	24174	38001	1.19%	0.114%
12	9.475	1253	1256	1264	rBV	227115	218826	6.84%	0.659%
13	9.616	1277	1280	1287	rVB	30555	34862	1.09%	0.105%
14	9.757	1300	1304	1319	rVB2	1655834	1655063	51.70%	4.986%
15	9.963	1336	1339	1343	rBV2	27402	35052	1.09%	0.106%
16	10.545	1434	1438	1448	rBV	1382332	1453854	45.42%	4.380%
17	10.669	1457	1459	1467	rVB2	51893	65059	2.03%	0.196%
18	11.098	1527	1532	1533	rBV2	28439	35686	1.11%	0.108%
19	11.116	1533	1535	1544	rVB2	35314	63726	1.99%	0.192%
20	11.239	1552	1556	1558	rBV	1378445	1365268	42.65%	4.113%
21	11.257	1558	1559	1563	rVV	509333	405465	12.67%	1.221%
22	11.310	1565	1568	1572	rVB	84680	83768	2.62%	0.252%
23	11.469	1590	1595	1597	rBV2	25356	32180	1.01%	0.097%
24	11.639	1620	1624	1628	rBV6	32146	54759	1.71%	0.165%
25	11.698	1631	1634	1637	rBV4	25667	39255	1.23%	0.118%
26	11.739	1638	1641	1643	rBV	115351	99392	3.10%	0.299%
27	11.769	1643	1646	1650	rBV2	300286	341968	10.68%	1.030%
28	11.810	1651	1653	1656	rVB	57611	52175	1.63%	0.157%
29	11.845	1656	1659	1662	rBV	101696	123846	3.87%	0.373%
30	12.033	1688	1691	1693	rBV	91454	82087	2.56%	0.247%
31	12.180	1714	1716	1719	rBV2	43325	33870	1.06%	0.102%
32	12.286	1731	1734	1737	rBV	65324	76925	2.40%	0.232%
33	12.339	1737	1743	1745	rVV4	77507	137441	4.29%	0.414%
34	12.369	1745	1748	1752	rVB	120230	121692	3.80%	0.367%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

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	12.445	1757	1761	1765	rBV	1123308	1021373	31.91%	3.077%
36	12.557	1778	1780	1784	rBV3	60675	81167	2.54%	0.245%
37	12.669	1794	1799	1803	rBV2	901764	977142	30.52%	2.944%
38	12.792	1817	1820	1821	rBV	89579	83771	2.62%	0.252%
39	12.816	1821	1824	1831	rVB	3002467	2837009	88.63%	8.546%
40	13.104	1870	1873	1877	rBV2	127176	135648	4.24%	0.409%
41	13.198	1886	1889	1891	rBV	62740	61142	1.91%	0.184%
42	13.227	1891	1894	1898	rVV2	67558	78432	2.45%	0.236%
43	13.504	1939	1941	1946	rBV	118095	101303	3.16%	0.305%
44	13.863	1998	2002	2005	rBV2	1455895	1720839	53.76%	5.184%
45	13.892	2005	2007	2009	rVB	441505	322287	10.07%	0.971%
46	14.251	2066	2068	2071	rBV	114845	126822	3.96%	0.382%
47	14.639	2132	2134	2142	rVB	204079	234346	7.32%	0.706%
48	14.880	2171	2175	2182	rBV	377521	696034	21.74%	2.097%
49	14.957	2185	2188	2191	rBV2	194402	231695	7.24%	0.698%
50	15.157	2220	2222	2228	rVB	222959	261247	8.16%	0.787%
51	15.215	2229	2232	2237	rVB	297368	348801	10.90%	1.051%
52	15.280	2238	2243	2246	rBV	974519	1272907	39.76%	3.835%
53	15.715	2315	2317	2322	rVB2	166206	181500	5.67%	0.547%

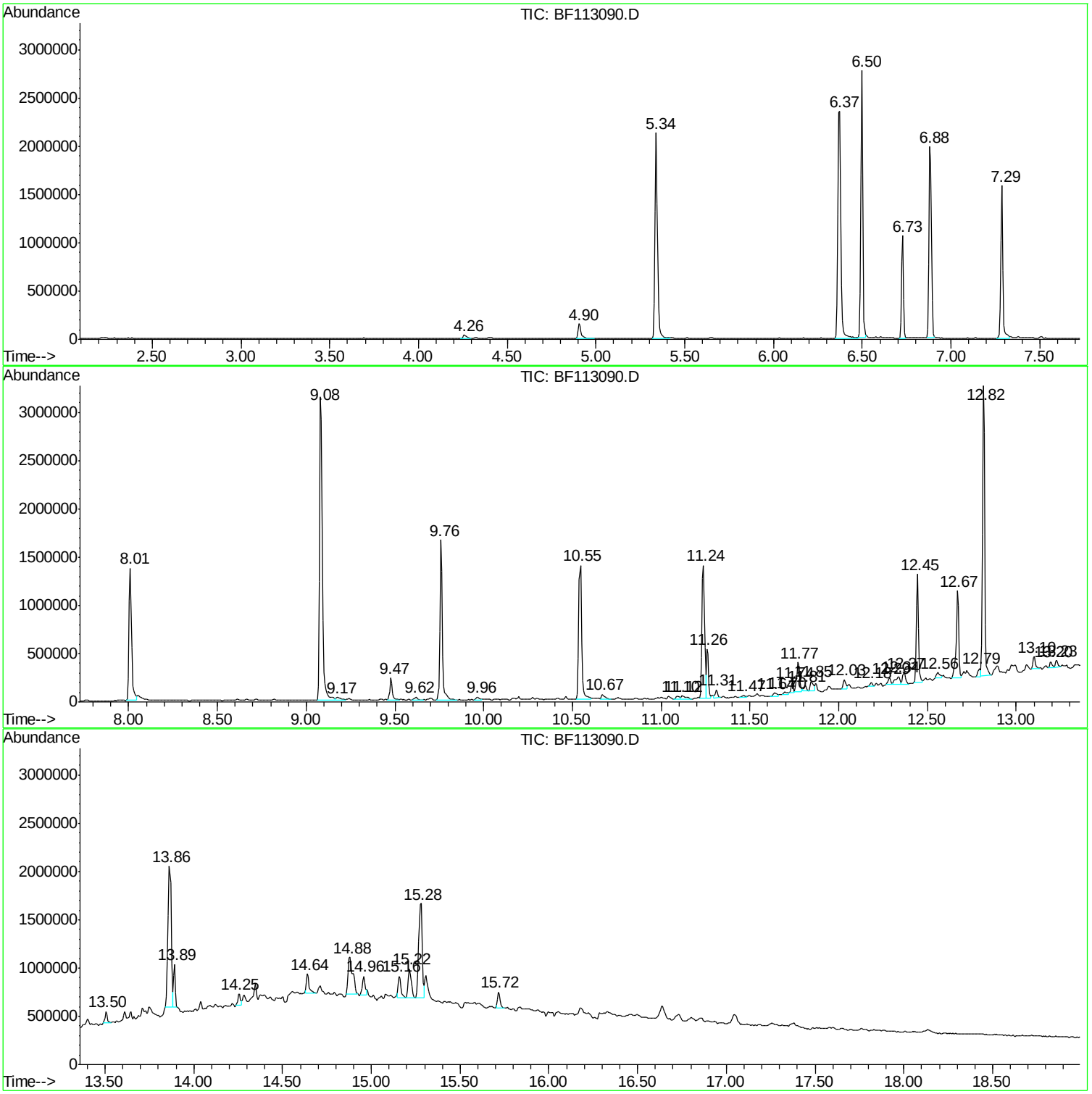
Sum of corrected areas: 33195736

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

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\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

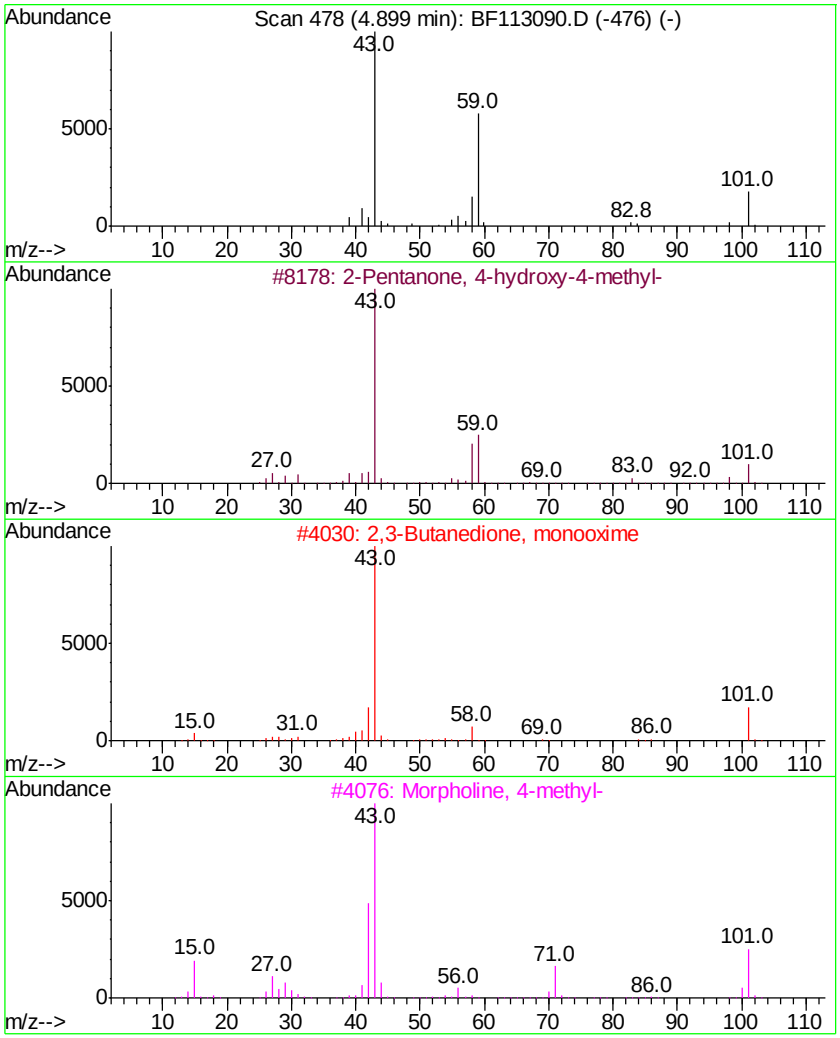
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

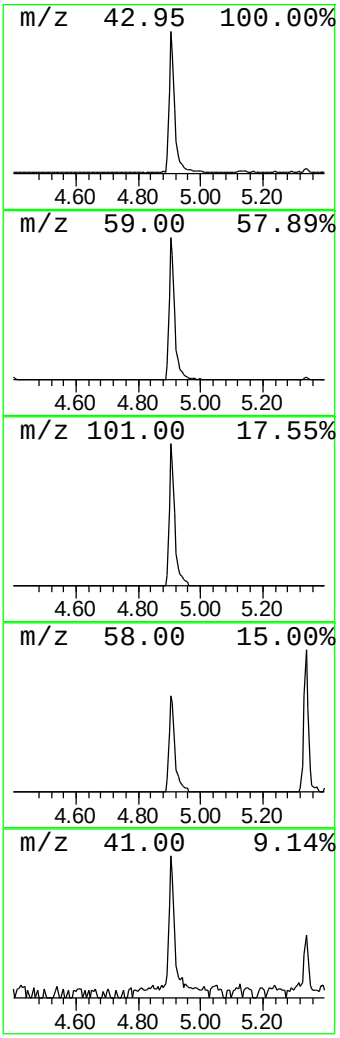
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	4.40 ng	192294	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

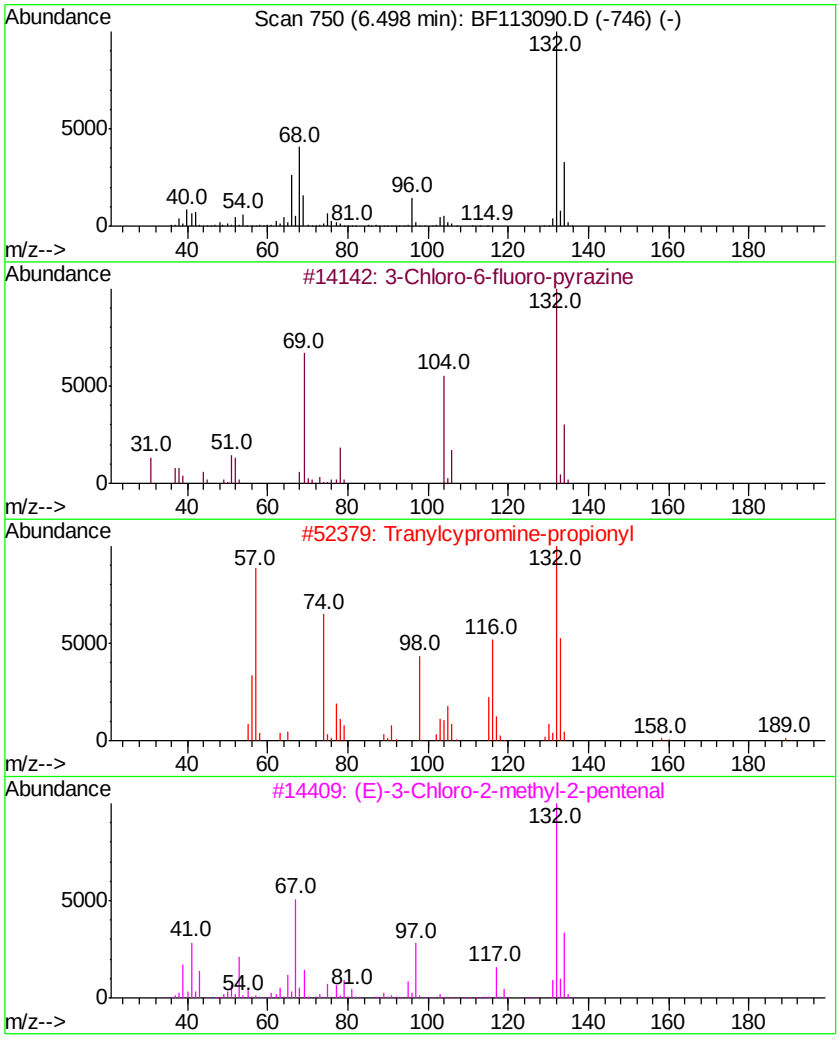
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

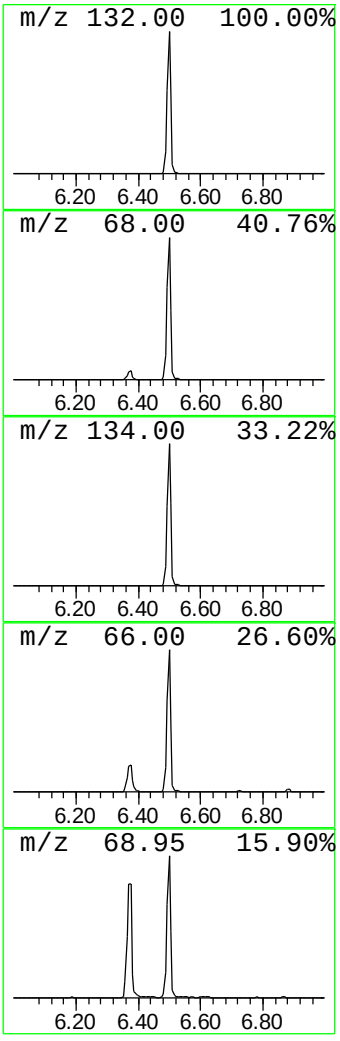
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	53.37 ng	2334700	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

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
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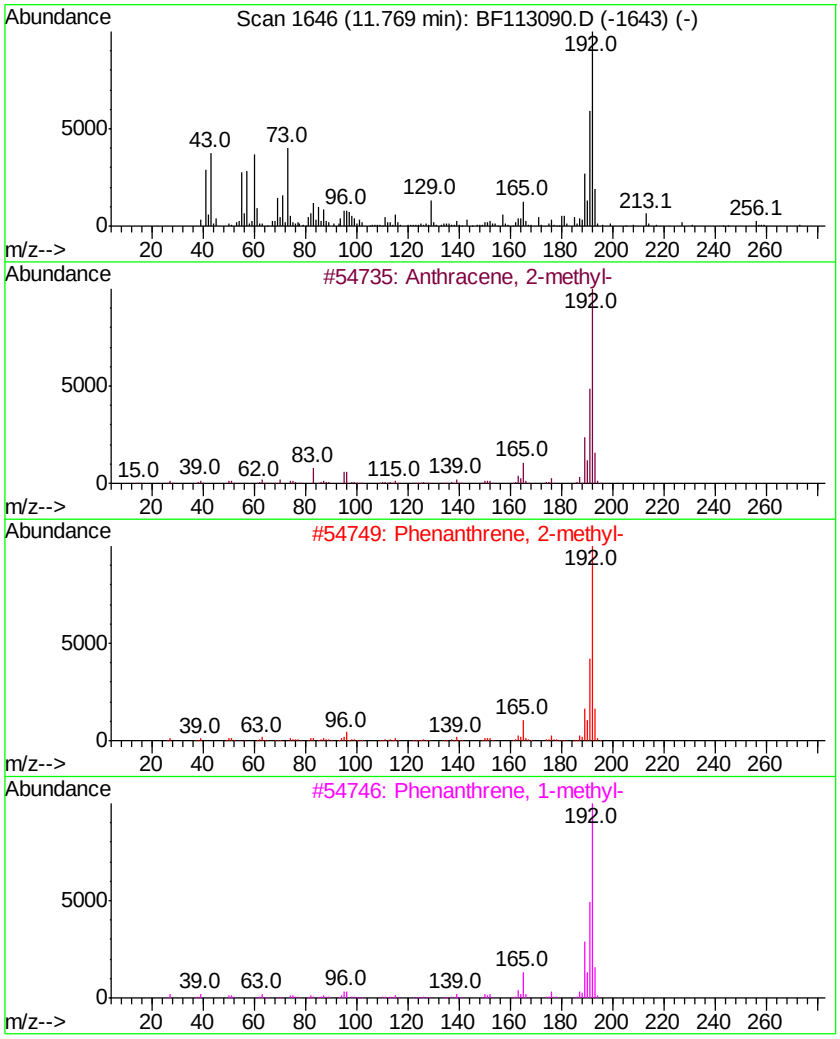
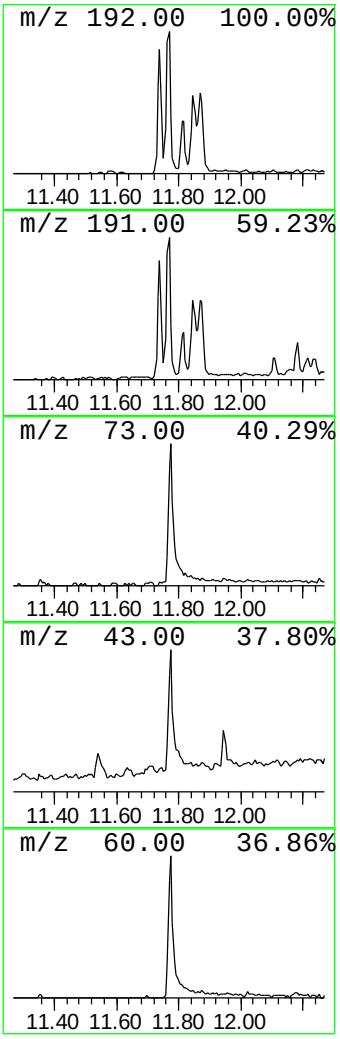
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.01 ng	341968	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

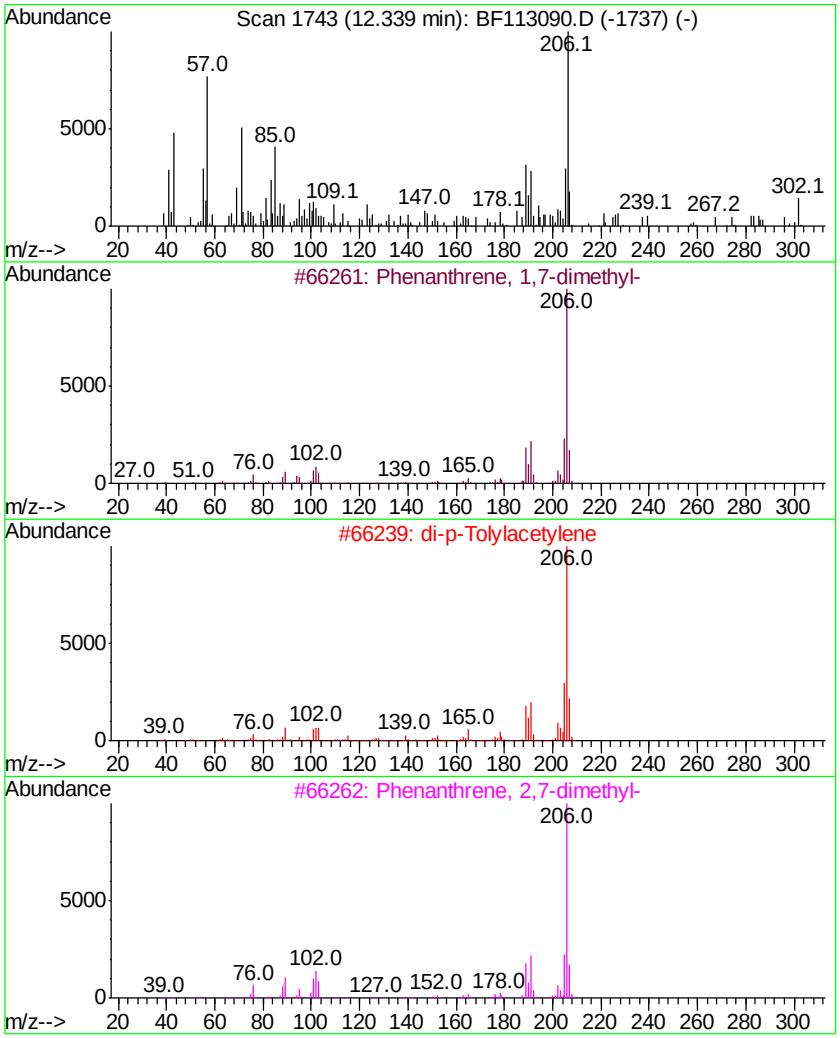
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

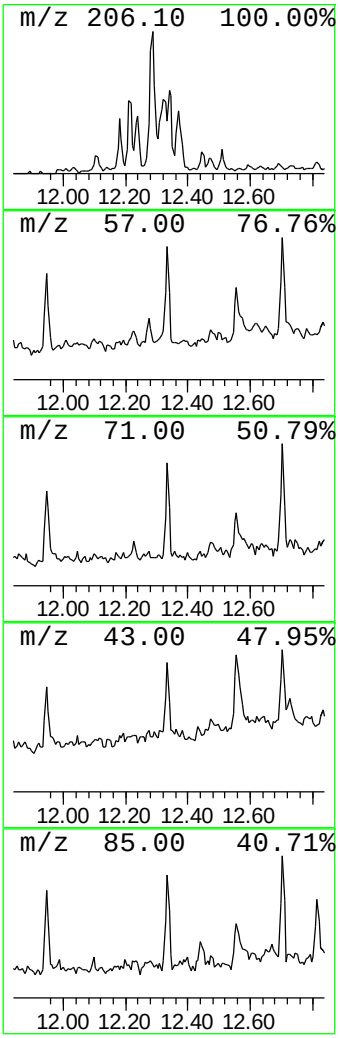
****

Peak Number 5 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.01 ng	137441	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(6.5-7.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

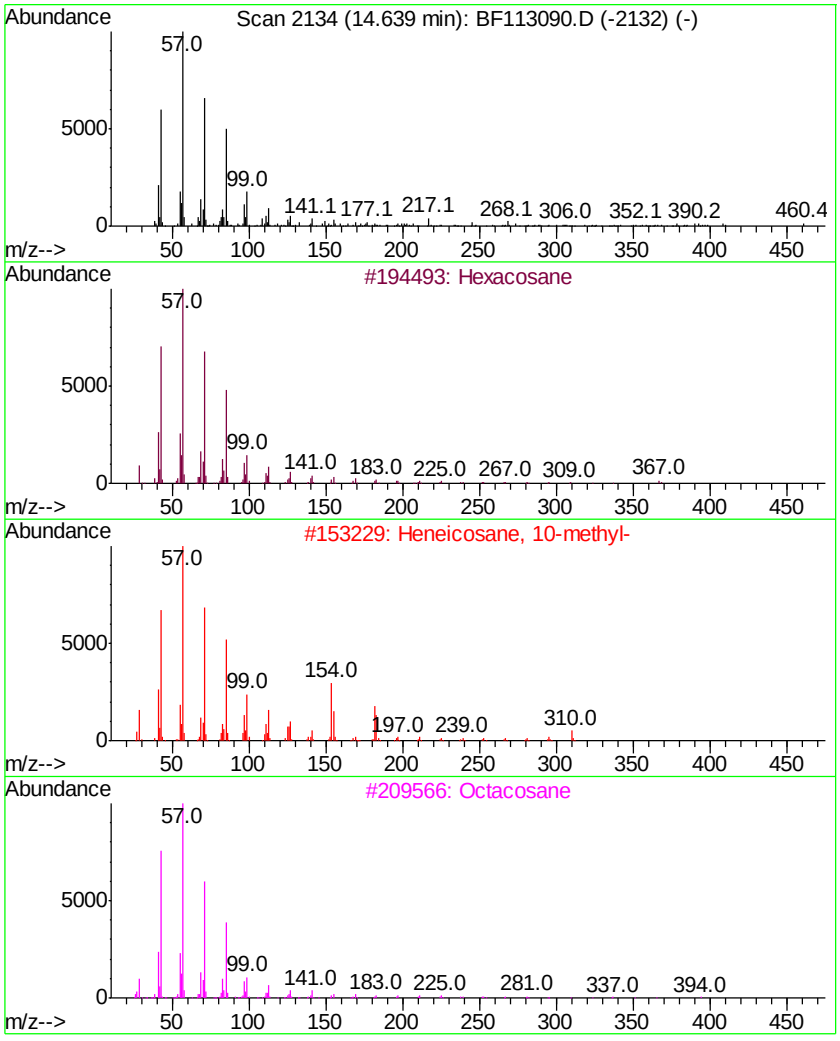
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

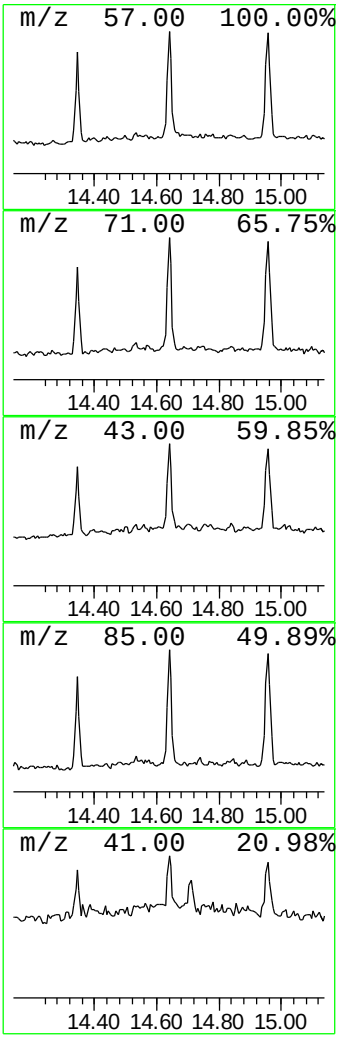
****

Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.68 ng	234346	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Docosane	310	C22H46	000629-97-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

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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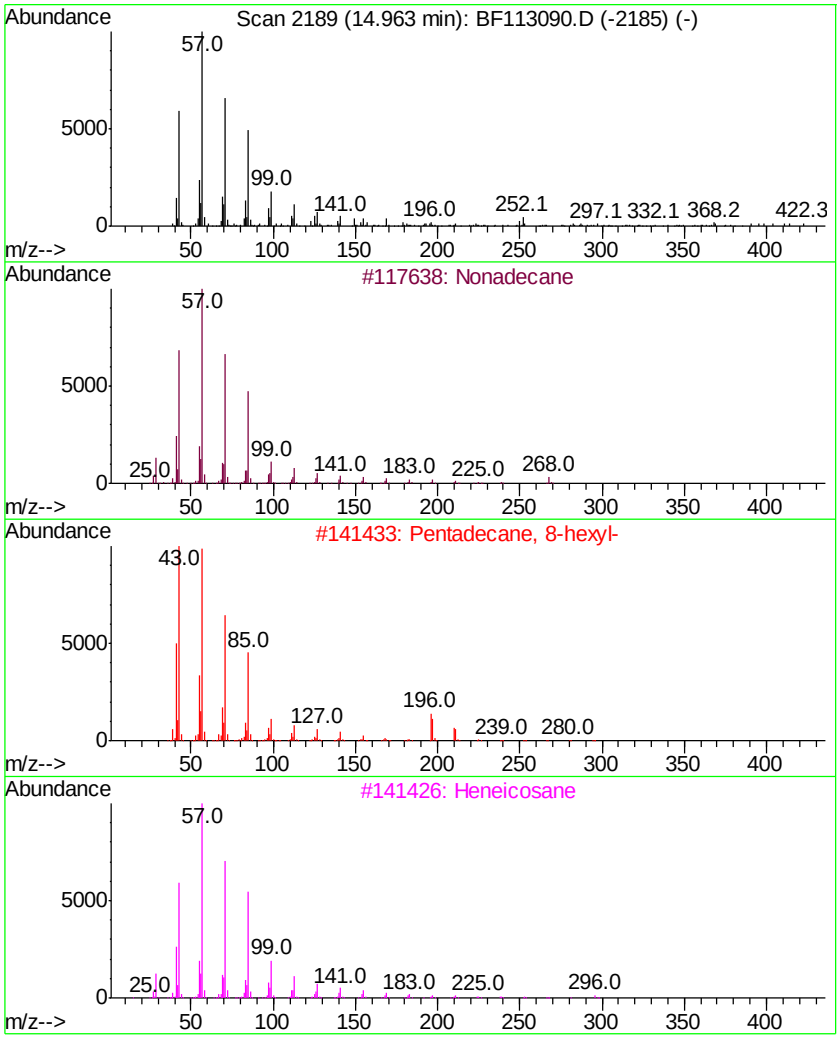
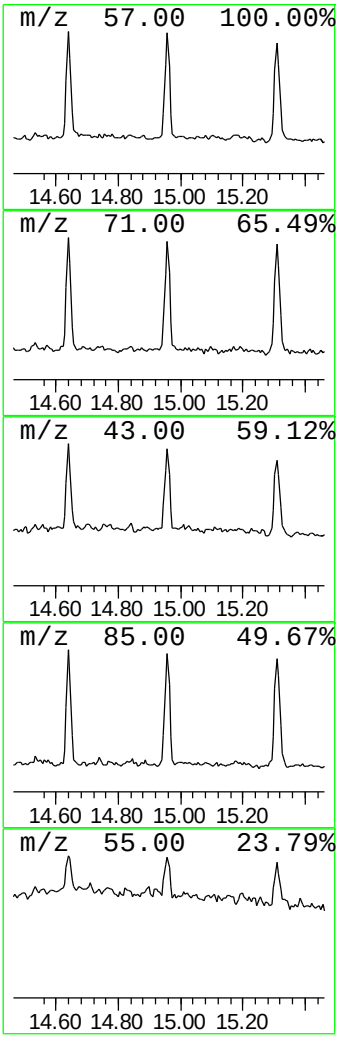
Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	3.64 ng	231695	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

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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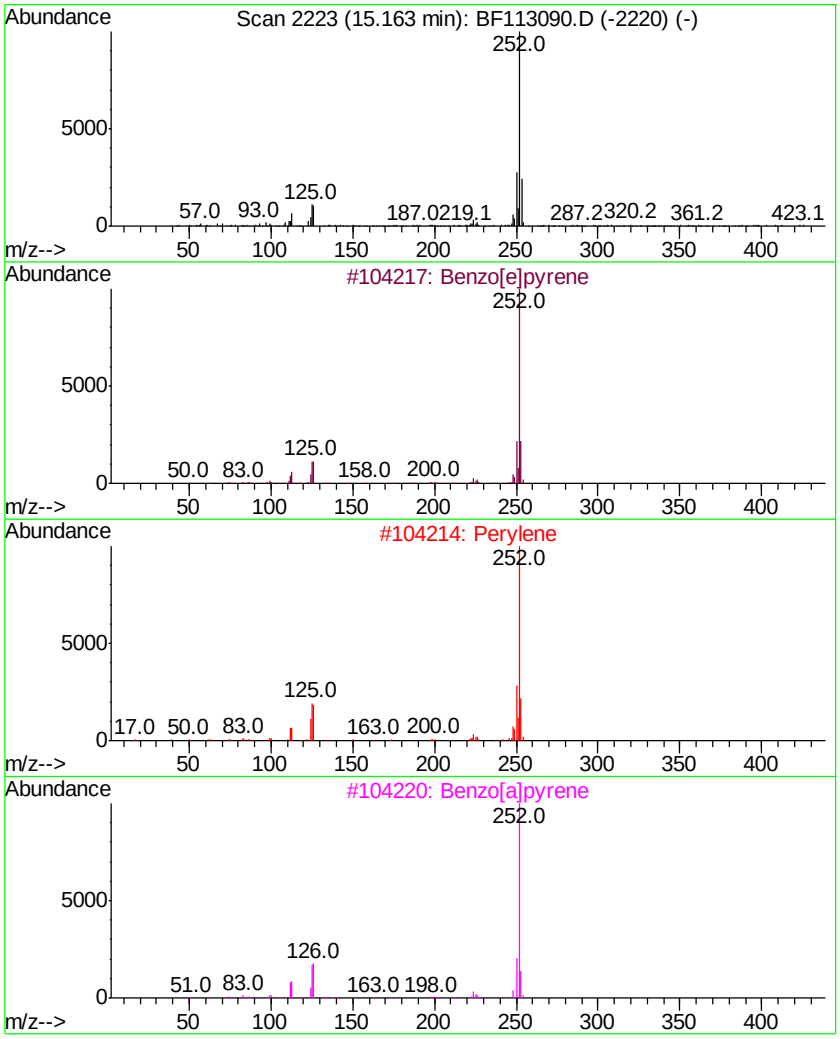
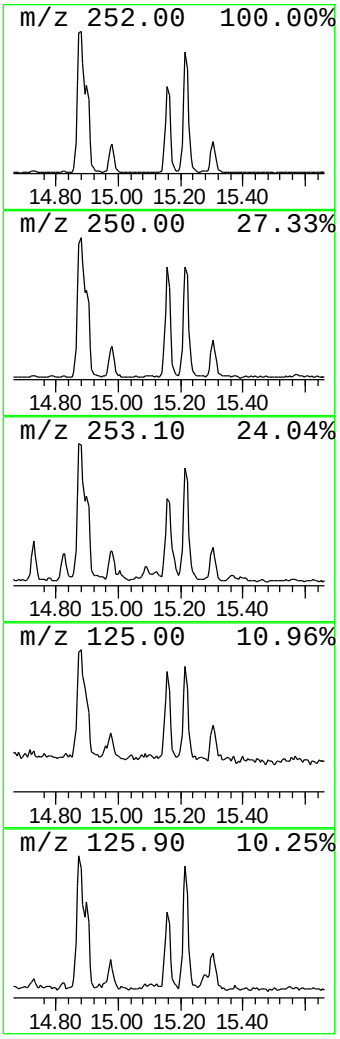
Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.10 ng	261247	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

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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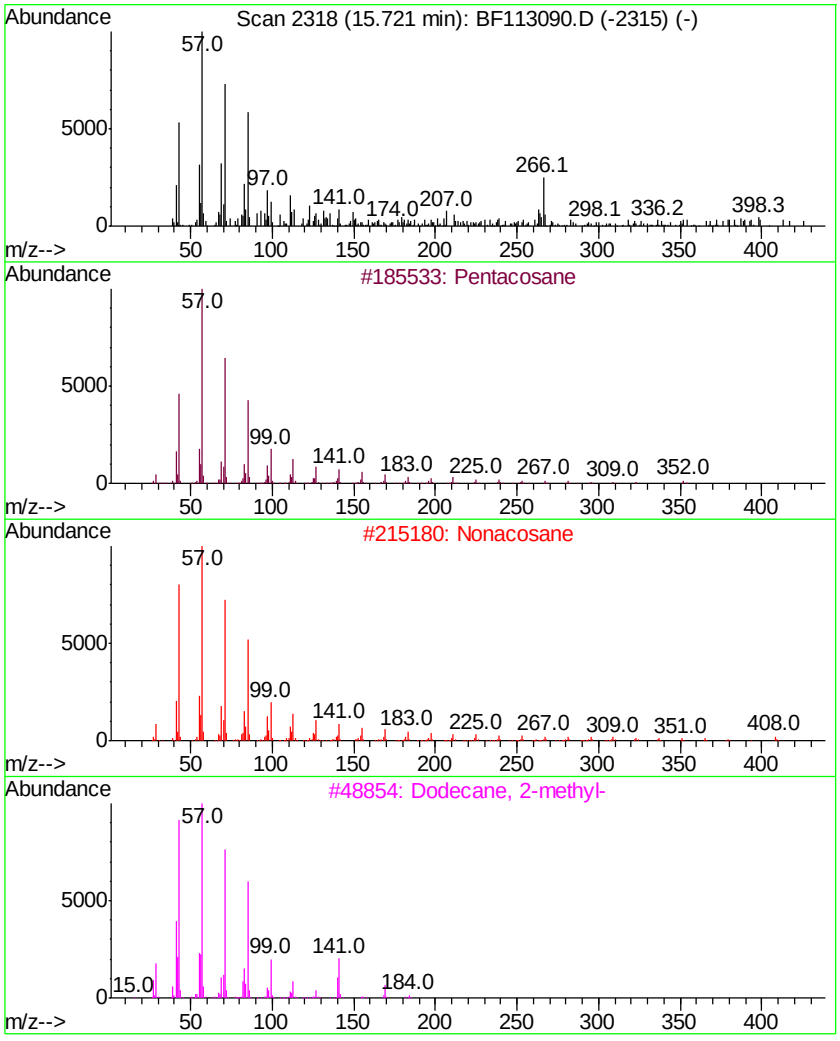
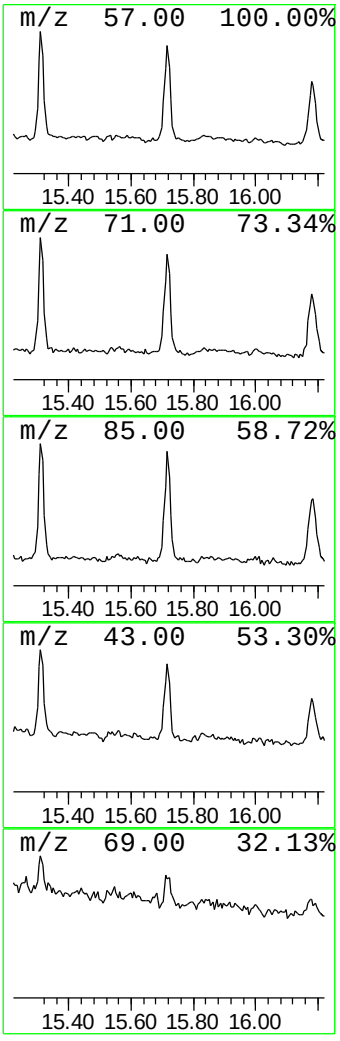
Peak Number 9 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.85 ng	181500	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Nonacosane	408	C29H60	000630-03-5	83
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
4	Hexacosane	366	C26H54	000630-01-3	74
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113090.D
Acq On : 18 Mar 2019 15:10
Operator : JU/SJ
Sample : K1901-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(6.5-7.5)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	4.4	ng	192294	1	6.73	874858	20.0
unknown6.50	6.50	53.4	ng	2334700	1	6.73	874858	20.0
Anthracene, 2-met...	11.77	5.0	ng	341968	4	11.24	1365270	20.0
Phenanthrene, 1,7...	12.34	2.0	ng	137441	4	11.24	1365270	20.0
Hexacosane	14.64	3.7	ng	234346	6	15.28	1272910	20.0
Nonadecane	14.96	3.6	ng	231695	6	15.28	1272910	20.0
Benzo[e]pyrene	15.16	4.1	ng	261247	6	15.28	1272910	20.0
Pentacosane	15.72	2.9	ng	181500	6	15.28	1272910	20.0