LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

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-BF111319.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	2.140	4	9	14	rVB	529677	680311	21.69%	1.758%
2	5.093	506	511	523	rVB	419003	488065	15.56%	1.261%
3	5.498	576	580	583	rBV	2700399	2445508	77.96%	6.318%
4	6.510	747	752	755	rBV	2708017	2579553	82.24%	6.664%
5	6.651	772	776	780	rBV	3084918	2784777	88.78%	7.194%
6	6.887	812	816	819	rBV	865559	773637	24.66%	1.999%
7	7.040	838	842	846	rBV	2560261	2197391	70.05%	5.677%
8	7.445	907	911	914	rBV	1873948	1628041	51.90%	4.206%
9	8.169	1031	1034	1038	rBV	1090451	973482	31.03%	2.515%
10	9.251	1214	1218	1221	rBV	3920813	3136775	100.00%	8.104%
11	9.639	1281	1284	1288	rVB	540182	432269	13.78%	1.117%
12	9.792	1307	1310	1314	rBV	59299	46521	1.48%	0.120%
13	9.933	1330	1334	1337	rBV	1315504	1055580	33.65%	2.727%
14	9.963	1337	1339	1343	rVB	71291	62139	1.98%	0.161%
15	10.139	1363	1369	1373	rBV	37528	40921	1.30%	0.106%
16	10.480	1424	1427	1433	rVB2	63589	66251	2.11%	0.171%
17	10.728	1465	1469	1472	rBV	2107227	1780436	56.76%	4.600%
18	11.033	1514	1521	1524	rBV3	35064	48772	1.55%	0.126%
19	11.233	1552	1555	1559	rVB2	38902	37625	1.20%	0.097%
20	11.286	1559	1564	1568	rVV4	32744	55186	1.76%	0.143%
21	11.322	1568	1570	1576	rVB	50800	48172	1.54%	0.124%
22	11.427	1585	1588	1590	rBV	1142766	953402	30.39%	2.463%
23	11.451	1590	1592	1595	rVV	1025650	787321	25.10%	2.034%
24	11.504	1595	1601	1604	rVB	251788	238967	7.62%	0.617%
25	11.657	1621	1627	1629	rBV2	58637	66039	2.11%	0.171%
26	11.933	1668	1674	1675	rBV	162973	156321	4.98%	0.404%
27	11.951	1675	1677	1684	rVV2	293346	413087	13.17%	1.067%
28	12.010	1684	1687	1690	rVV	93442	94869	3.02%	0.245%
29	12.045	1690	1693	1695	rVV	237060	254495	8.11%	0.657%
30	12.069	1695	1697	1701	rVB	115082	96475	3.08%	0.249%
31	12.227	1721	1724	1726	rBV	115282	87253	2.78%	0.225%
32	12.251	1726	1728	1734	rVB	69312	66717	2.13%	0.172%
33	12.380	1747	1750	1752	rVB	49684	39336	1.25%	0.102%
34	12.486	1764	1768	1771	rBV	96311	117897	3.76%	0.305%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.522	1771	1774	1776	rVV3	67026	82396	2.63%	0.213%
36	12.569	1780	1782	1788	rVB2	85541	90336	2.88%	0.233%
37	12.651	1792	1796	1799	rBV	1611782	1372436	43.75%	3.546%
38	12.739	1808	1811	1814	rBV	101309	87967	2.80%	0.227%
39	12.804	1819	1822	1825	rVV	54938	66243	2.11%	0.171%
40	12.880	1829	1835	1840	rVV	1422706	1529556	48.76%	3.952%
41	12.927	1840	1843	1847	rVB2	68605	88092	2.81%	0.228%
42	13.021	1852	1859	1862	rBV	3022805	2815088	89.74%	7.273%
43	13.098	1868	1872	1875	rBV2	94691	156899	5.00%	0.405%
44	13.186	1884	1887	1888	rBV2	65336	74640	2.38%	0.193%
45	13.204	1888	1890	1894	rVB	178511	176760	5.64%	0.457%
46	13.274	1899	1902	1904	rVB	116116	97918	3.12%	0.253%
47	13.310	1904	1908	1911	rBV2	152146	166863	5.32%	0.431%
48	13.404	1921	1924	1927	rVB	77644	67187	2.14%	0.174%
49	13.433	1927	1929	1933	rBV2	93393	103744	3.31%	0.268%
50	13.592	1952	1956	1958	rBV4	63910	84662	2.70%	0.219%
51	13.716	1974	1977	1983	rVB	111516	118054	3.76%	0.305%
52	13.827	1992	1996	1999	rBV2	109408	153765	4.90%	0.397%
53	13.857	1999	2001	2003	rVV	137967	105654	3.37%	0.273%
54	13.880	2003	2005	2009	rVV2	96375	149471	4.77%	0.386%
55	13.921	2009	2012	2020	rVB3	267781	402050	12.82%	1.039%
56	14.080	2034	2039	2042	rBV2	1253154	1724319	54.97%	4.455%
57	14.110	2042	2044	2049	rVB	734563	607086	19.35%	1.568%
58	14.186	2055	2057	2060	rBV	112501	107897	3.44%	0.279%
59	14.304	2074	2077	2081	rBV3	75351	112361	3.58%	0.290%
60	14.468	2103	2105	2109	rVB	131500	115213	3.67%	0.298%
61	14.504	2109	2111	2114	rBV	79410	68674	2.19%	0.177%
62	14.551	2116	2119	2121	rVV3	85752	114441	3.65%	0.296%
63	14.598	2125	2127	2129	rVV	66751	49849	1.59%	0.129%
64	14.863	2169	2172	2176	rVB3	106218	117709	3.75%	0.304%
65	15.145	2215	2220	2223	rBV	557850	880263	28.06%	2.274%
66	15.210	2228	2231	2235	rBV2	89072	114286	3.64%	0.295%
67	15.257	2236	2239	2242	rVV	107953	112947	3.60%	0.292%
68	15.457	2270	2273	2279	rVB	273789	313663	10.00%	0.810%
69	15.521	2280	2284	2290	rBV	489209	620610	19.78%	1.603%
70	15.586	2291	2295	2299	rBV	637740	924787	29.48%	2.389%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

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-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 38707477

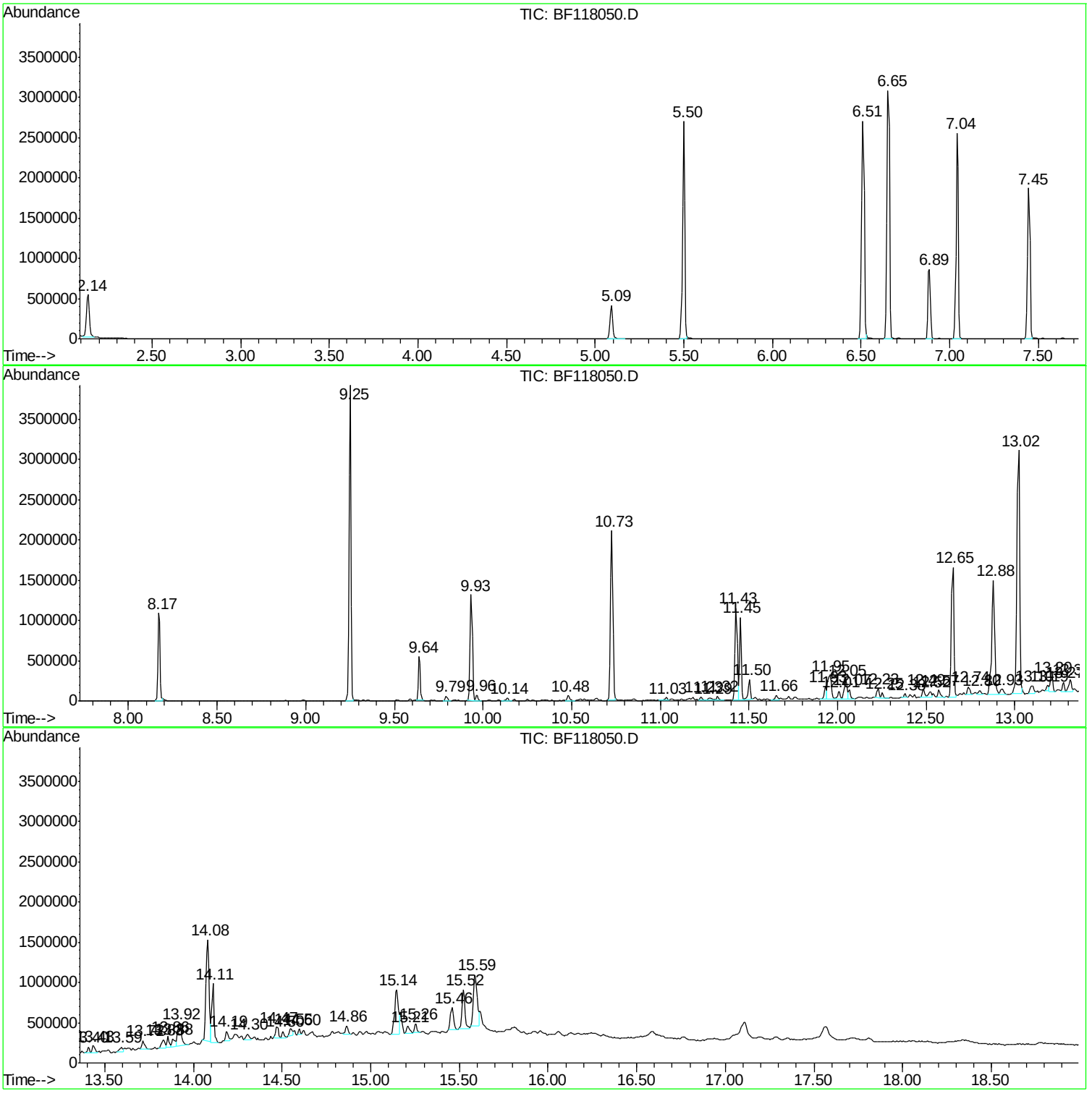
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

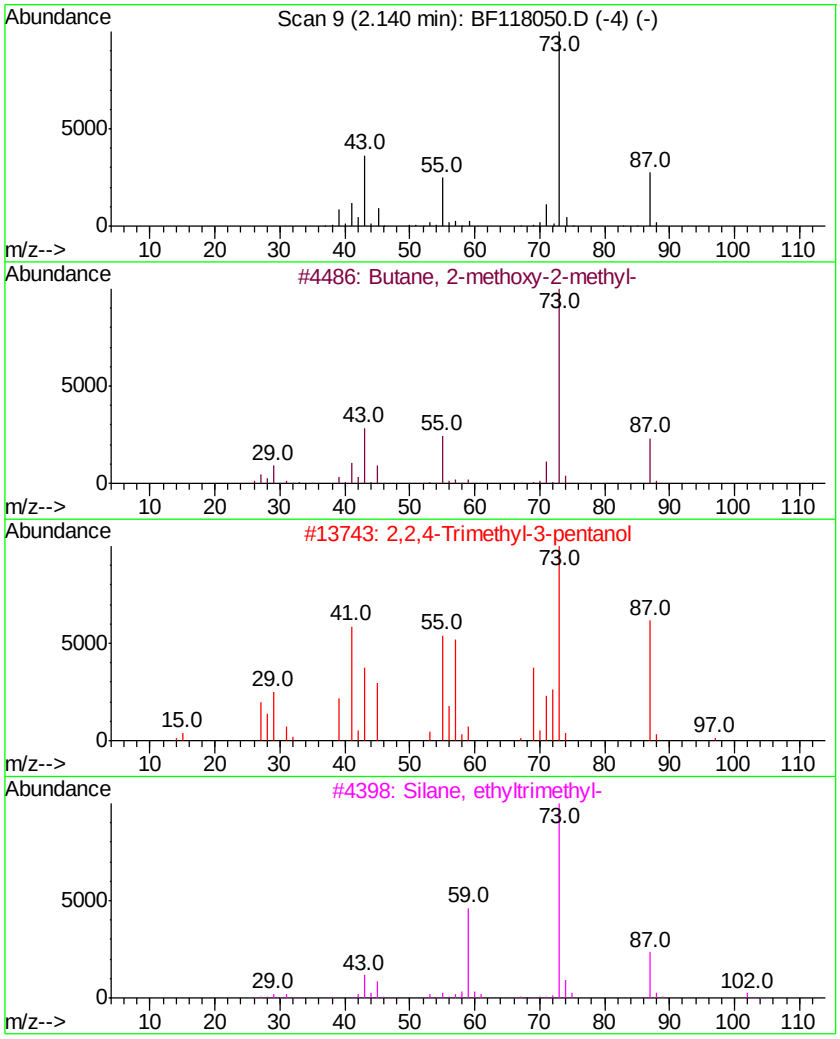
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

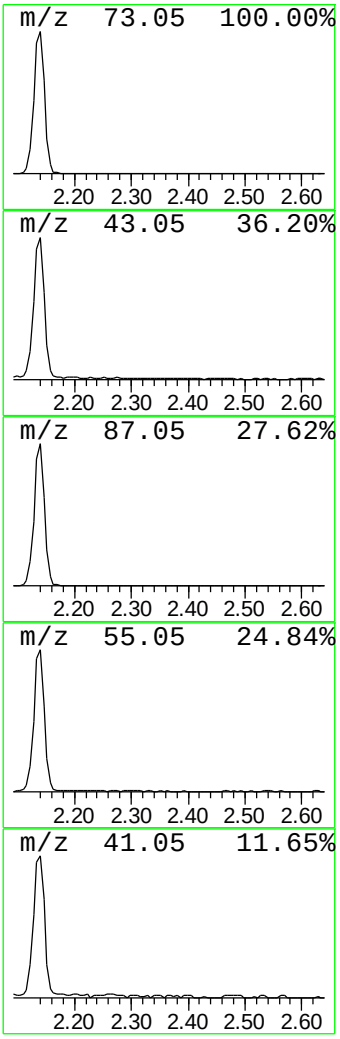
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	17.59 ng	680311	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

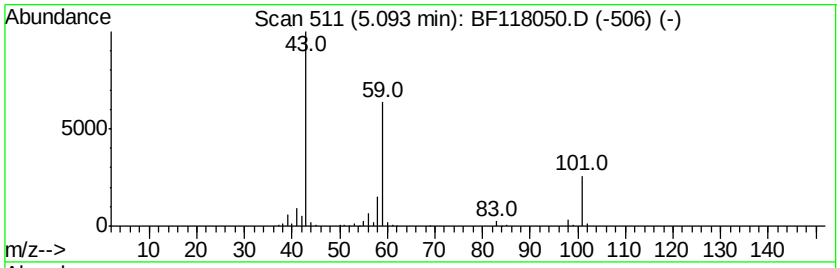
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

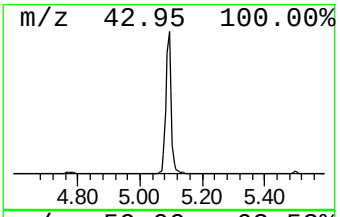
****

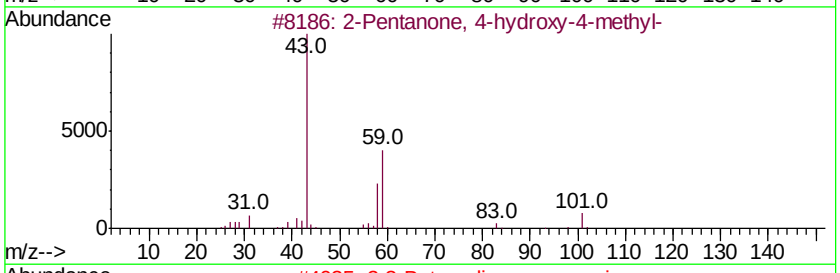
Peak Number 2 unknown5.09 Concentration Rank 4

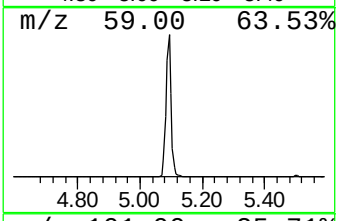
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	12.62 ng	488065	1,4-Dichlorobenzene-d4	6.89

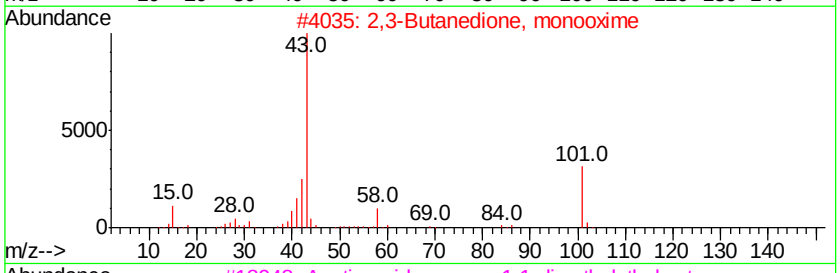
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9

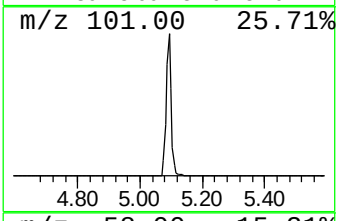


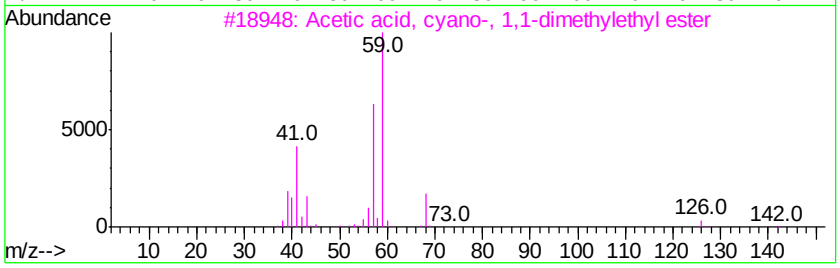


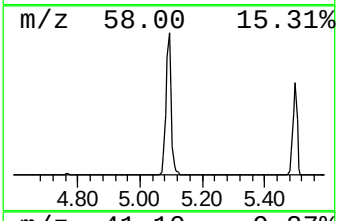


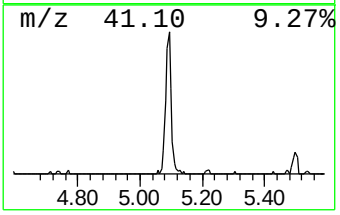












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

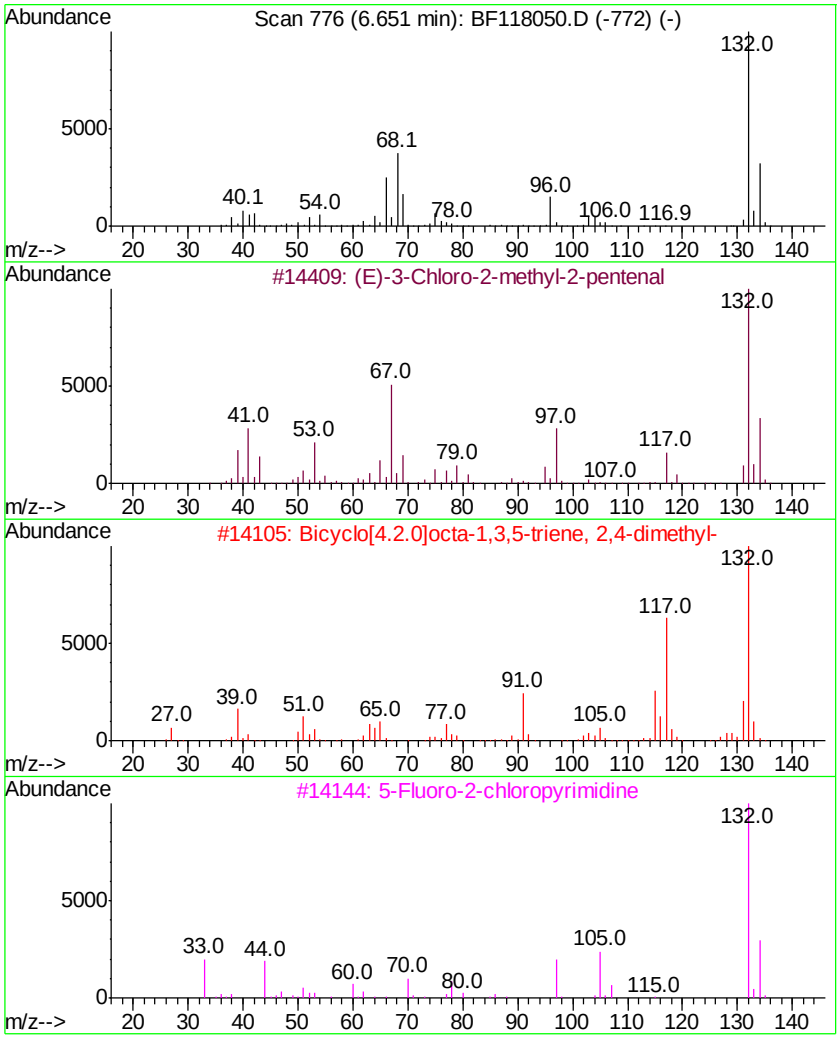
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

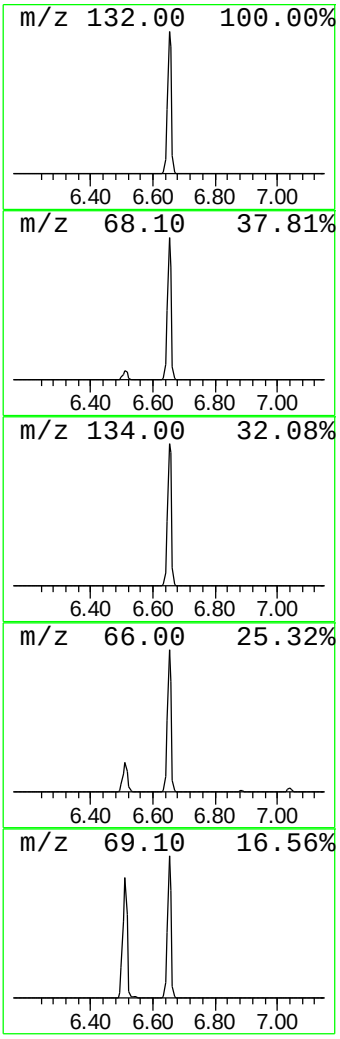
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	71.99 ng	2784780	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

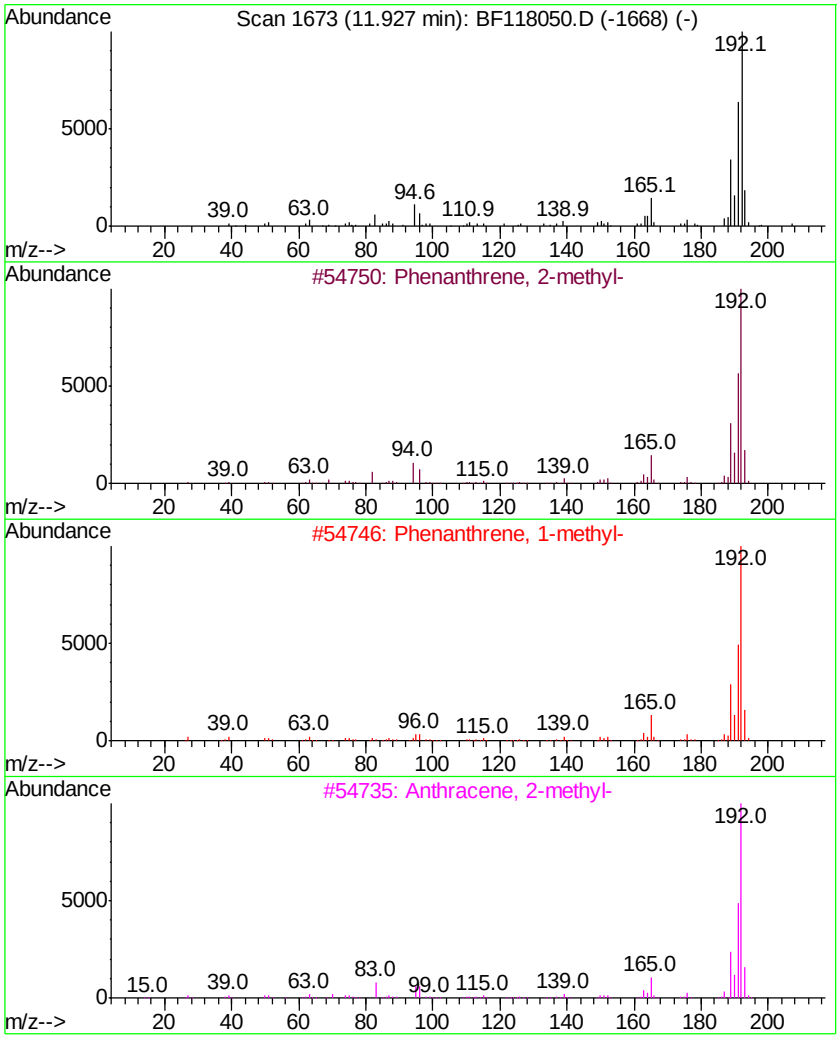
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

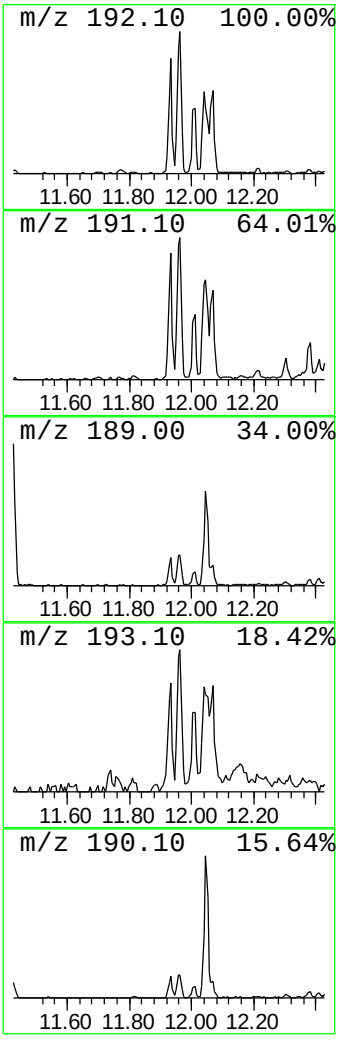
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.28 ng	156321	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

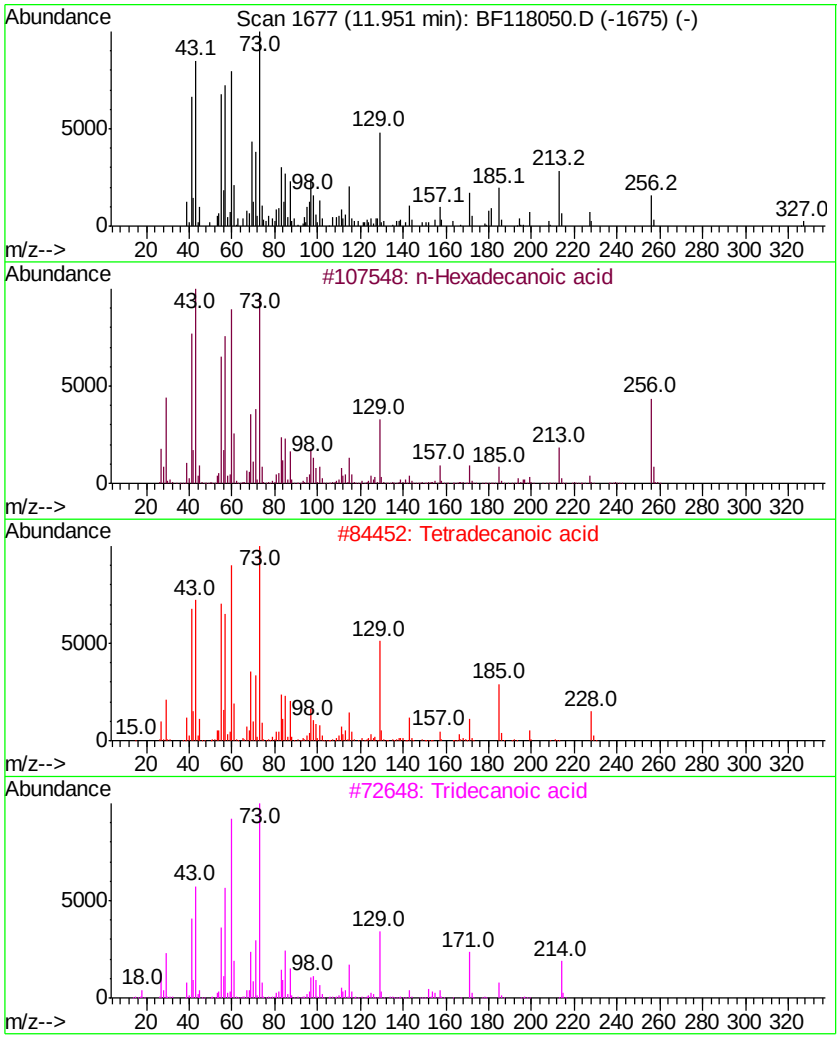
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

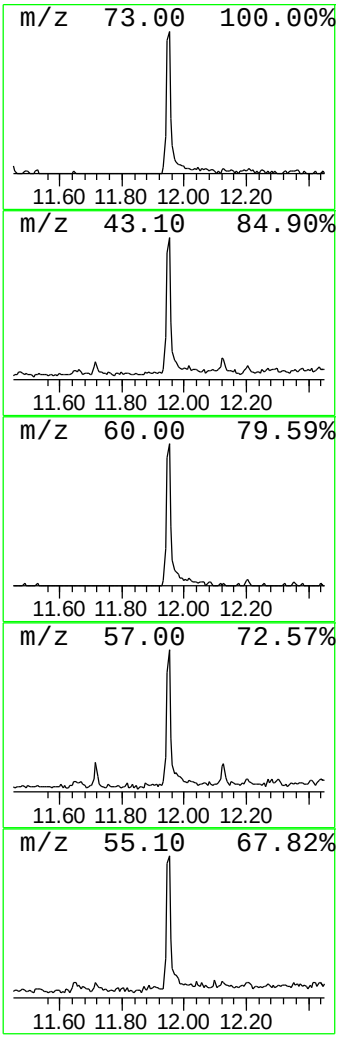
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.67 ng	413087	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

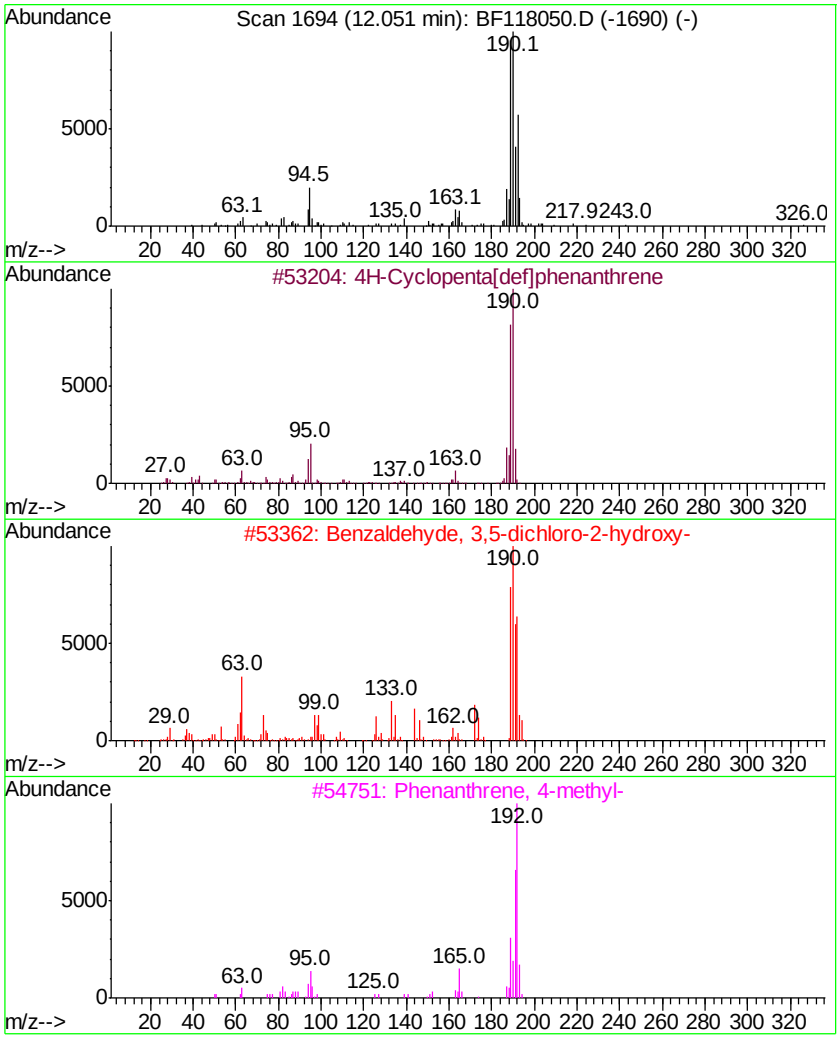
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

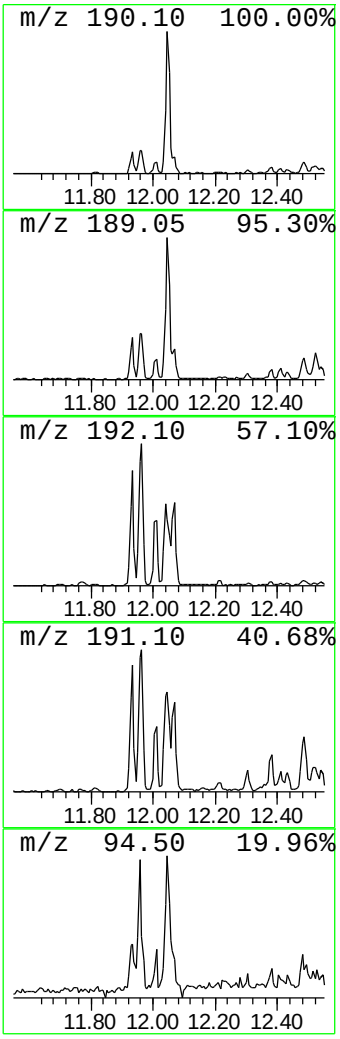
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.34 ng	254495	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

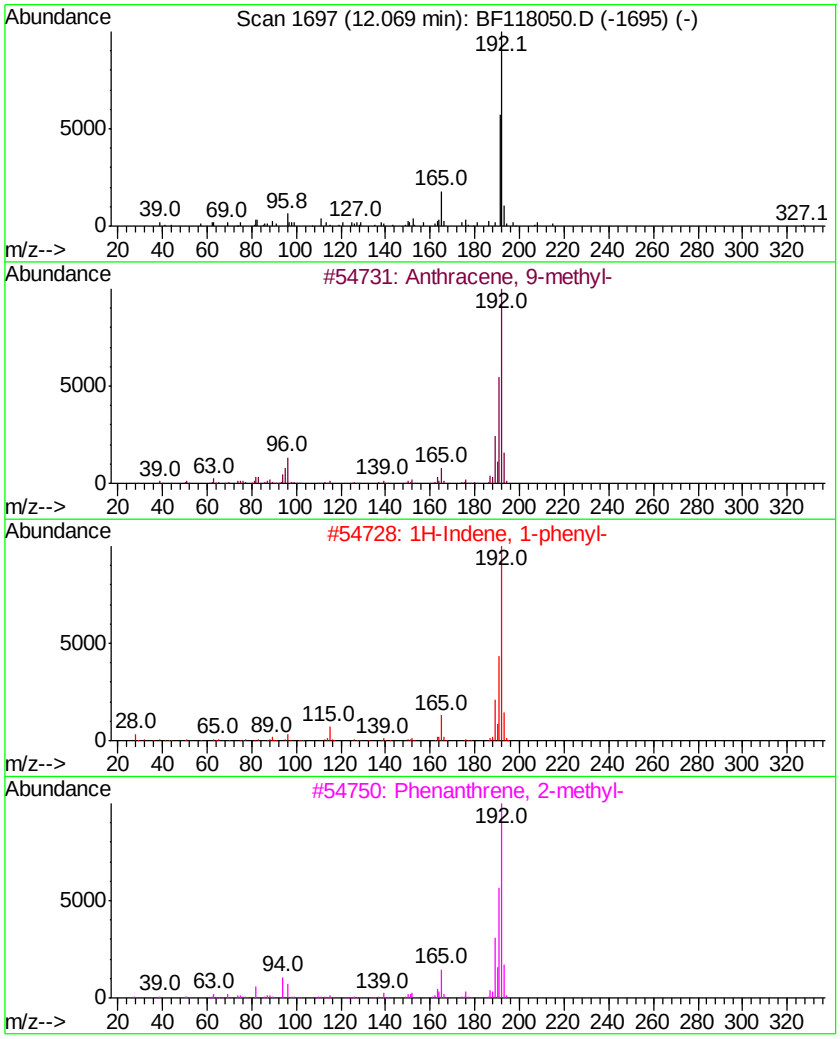
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

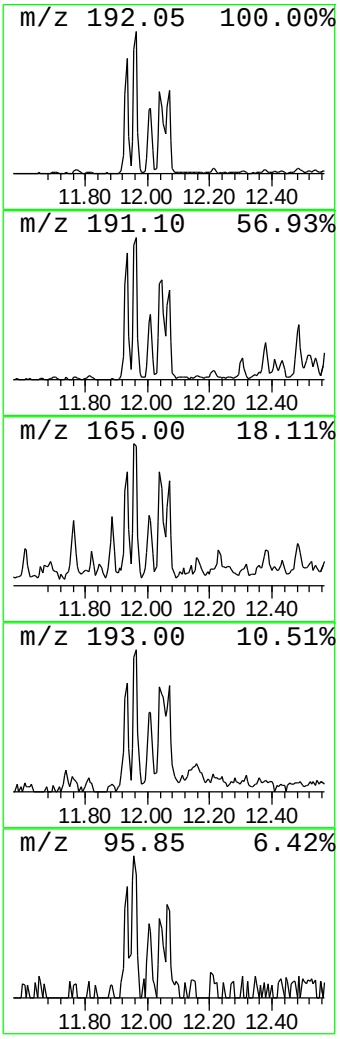
****

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.02 ng	96475	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

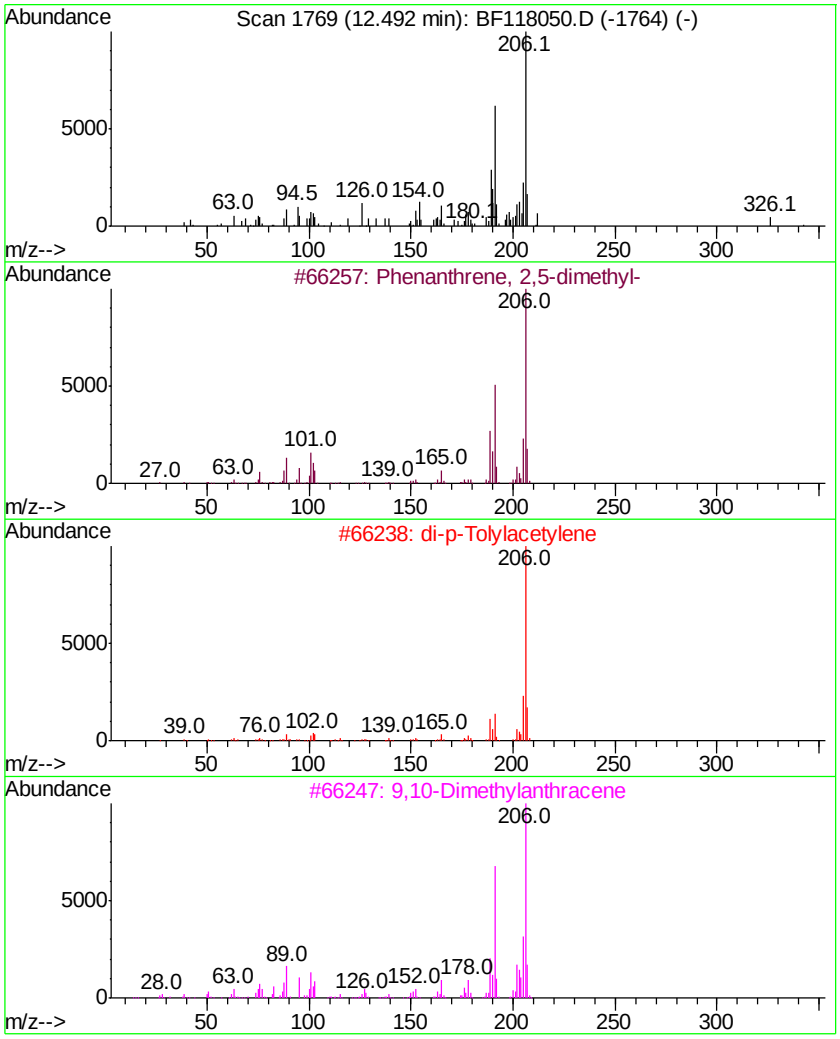
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

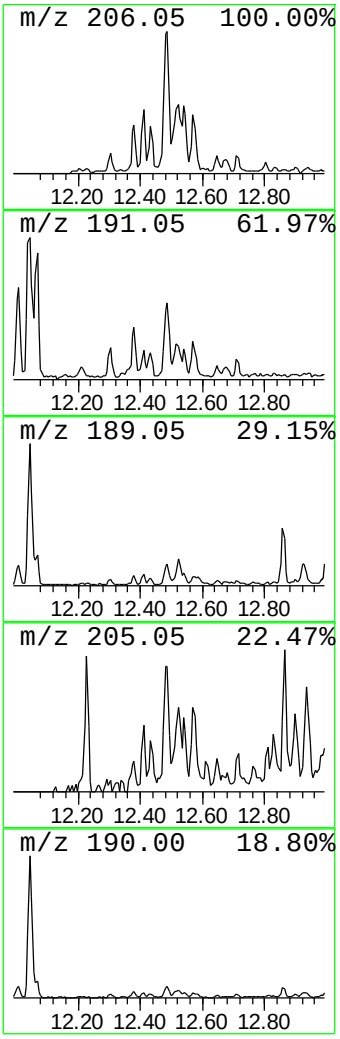
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.47 ng	117897	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

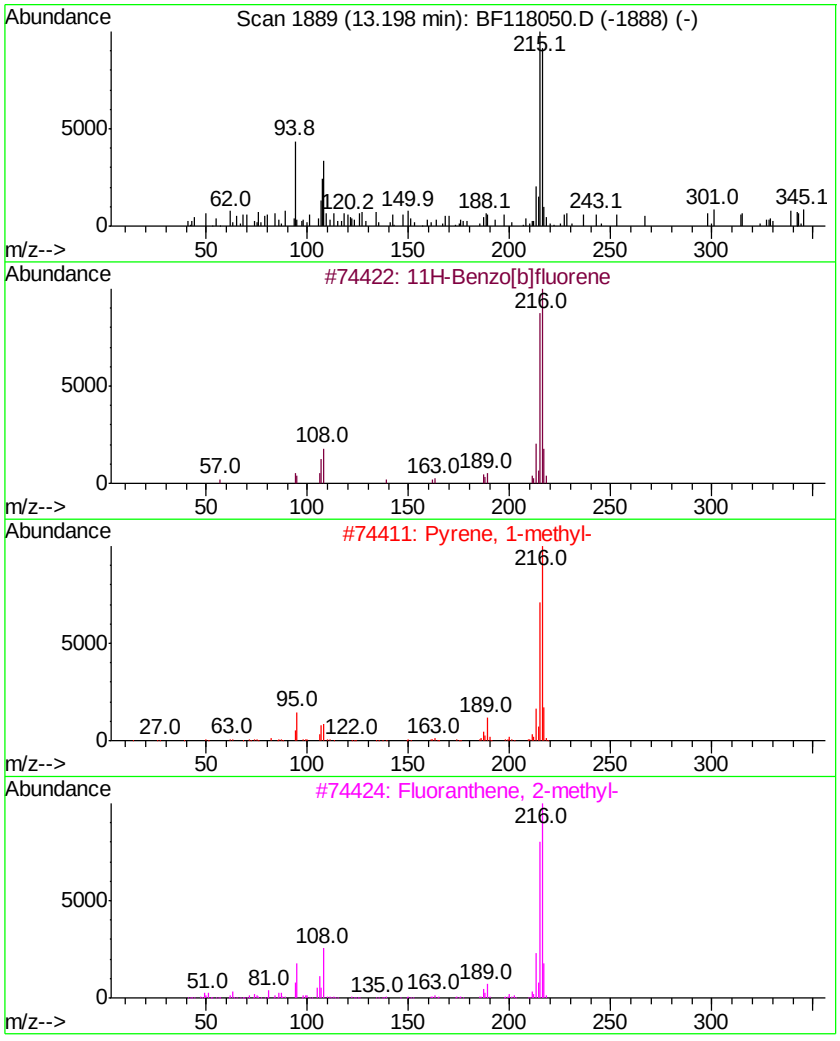
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

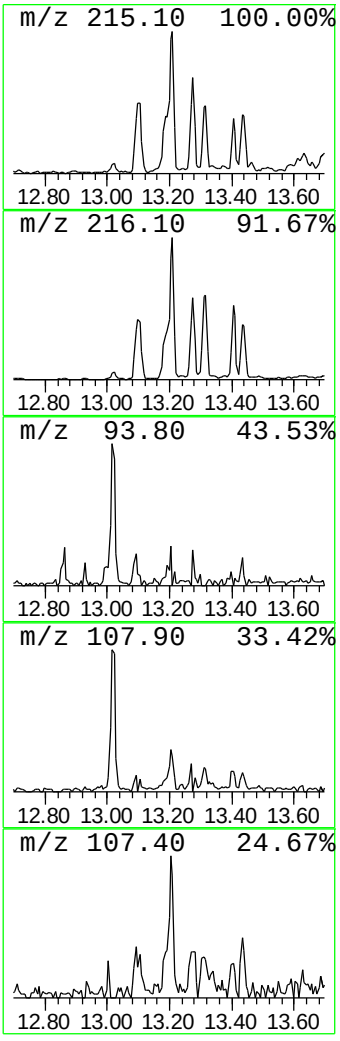
****

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.05 ng	176760	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

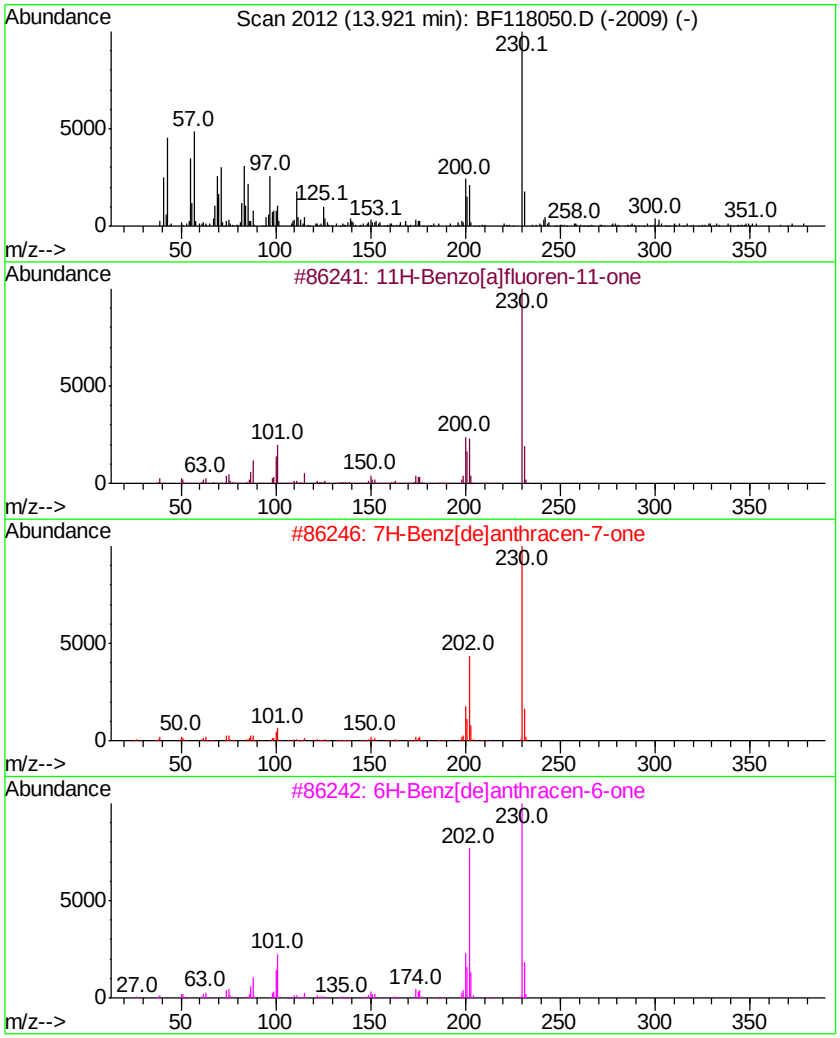
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

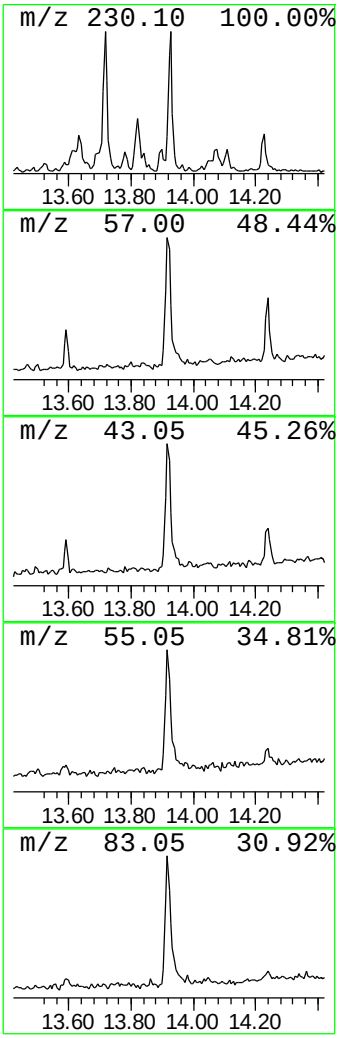
****

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.66 ng	402050	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	47
4	p-Terphenyl	230	C18H14	000092-94-4	38
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

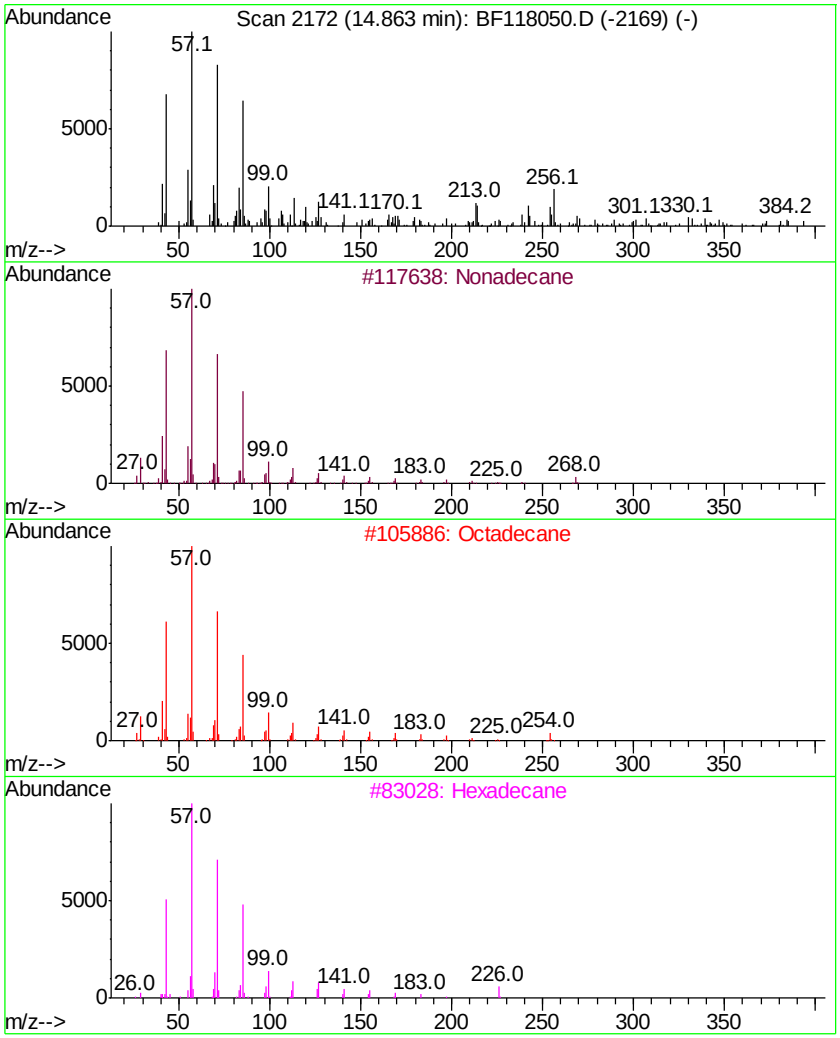
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

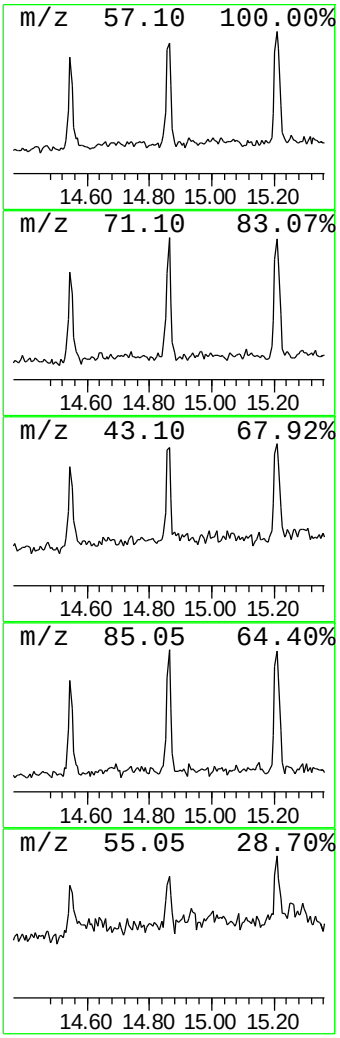
****

Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.55 ng	117709	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octadecane	254	C18H38	000593-45-3	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Heptadecane	240	C17H36	000629-78-7	89
5	2-methyloctacosane	408	C29H60	1000376-72-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

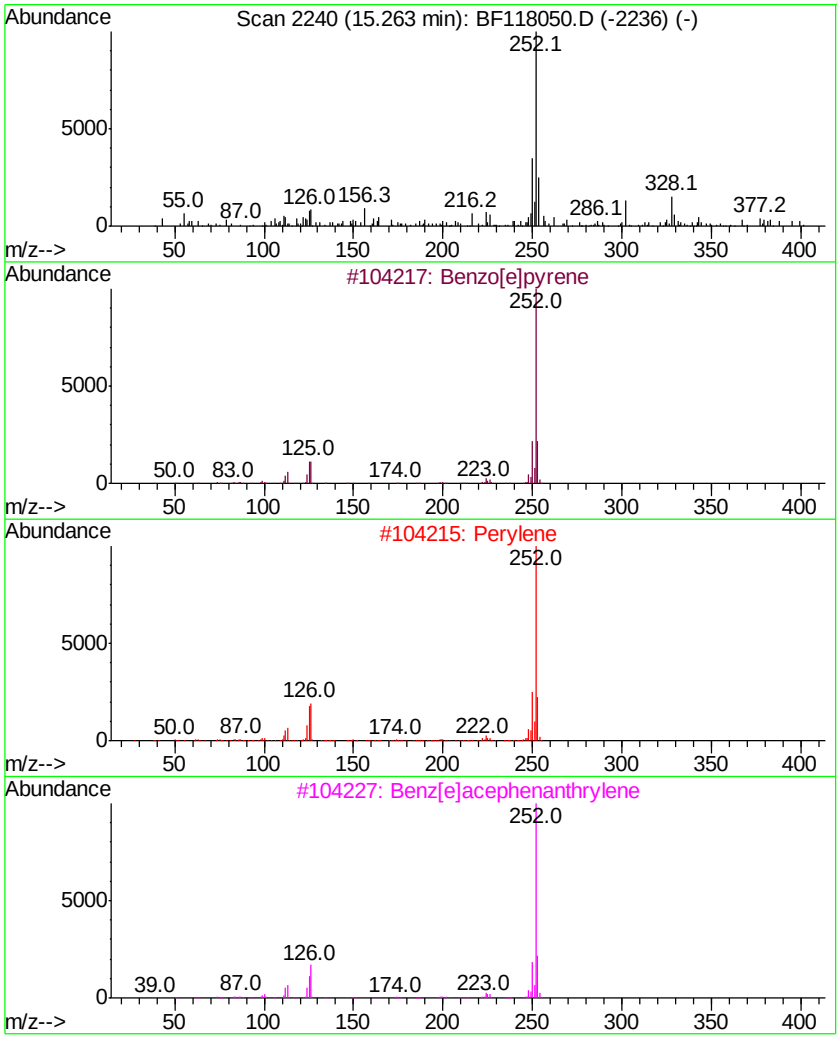
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

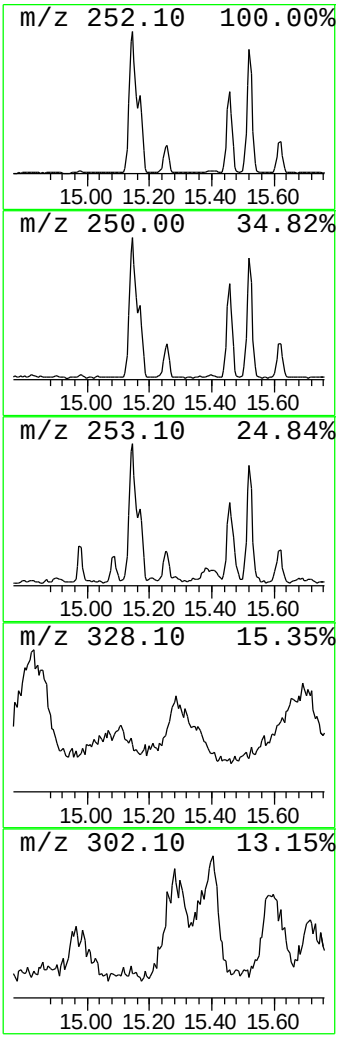
****

Peak Number 13 Perylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.44 ng	112947	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

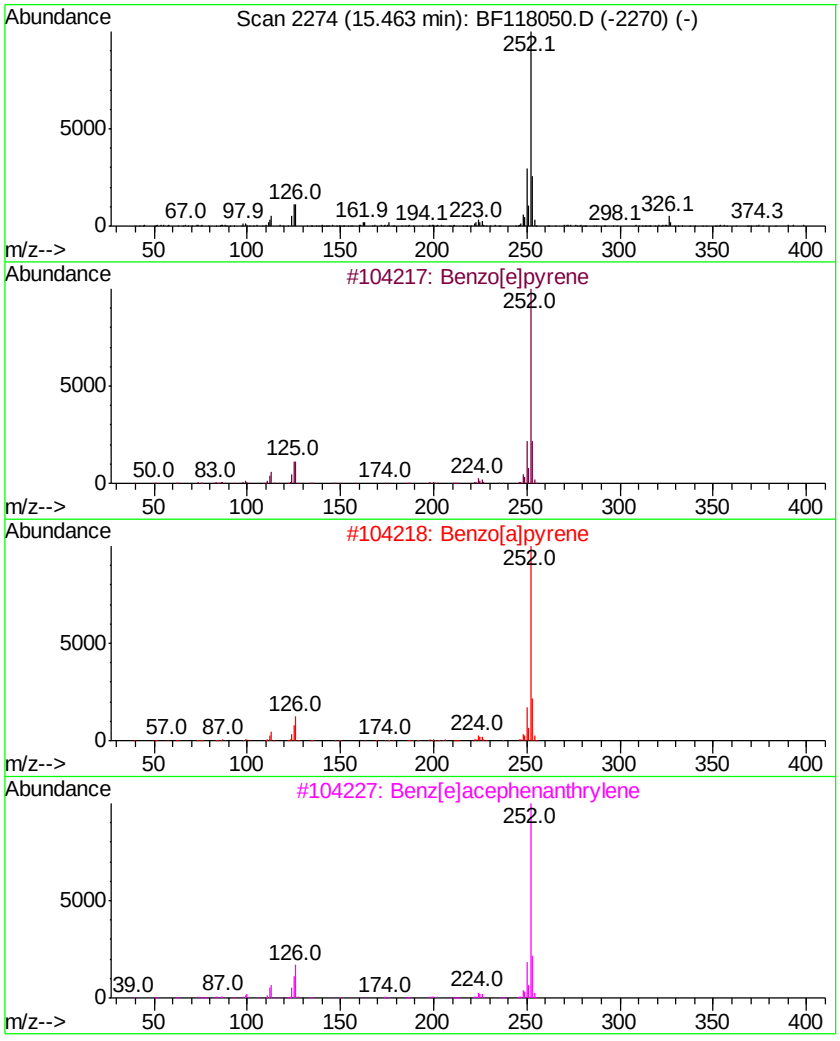
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

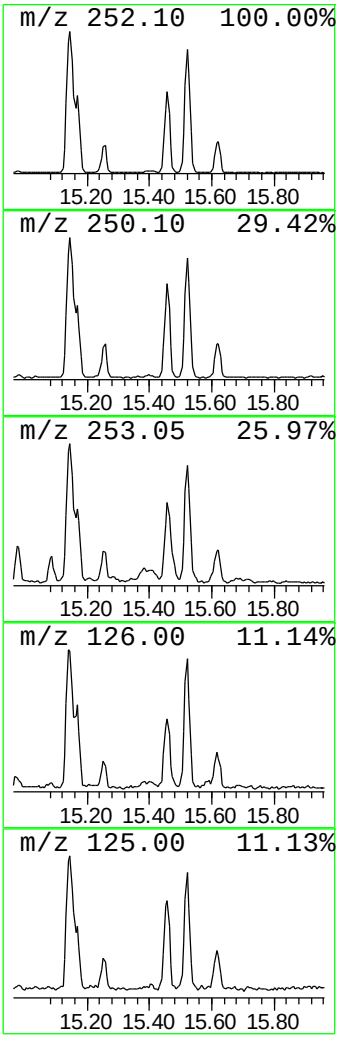
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	6.78 ng	313663	Perylene-d12	15.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112719\
Data File : BF118050.D
Acq On : 27 Nov 2019 19:32
Operator : JU
Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WS-112119-2-5-COMP-B6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.14	17.6	ng	680311	1	6.89	773637	20.0
unknown5.09	5.09	12.6	ng	488065	1	6.89	773637	20.0
unknown6.65	6.65	72.0	ng	2784780	1	6.89	773637	20.0
Phenanthrene, 2-m...	11.93	3.3	ng	156321	4	11.43	953402	20.0
n-Hexadecanoic acid	11.95	8.7	ng	413087	4	11.43	953402	20.0
4H-Cyclopenta[def...	12.05	5.3	ng	254495	4	11.43	953402	20.0
Anthracene, 9-met...	12.07	2.0	ng	96475	4	11.43	953402	20.0
Phenanthrene, 2,5...	12.49	2.5	ng	117897	4	11.43	953402	20.0
11H-Benzo[b]fluorene	13.20	2.0	ng	176760	5	14.08	1724320	20.0
11H-Benzo[a]fluor...	13.92	4.7	ng	402050	5	14.08	1724320	20.0
Nonadecane	14.86	2.5	ng	117709	6	15.59	924787	20.0
Perylene	15.26	2.4	ng	112947	6	15.59	924787	20.0
Benzo[e]pyrene	15.46	6.8	ng	313663	6	15.59	924787	20.0