LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119304.D
Acq On : 10 Mar 2020 1:23
Operator : CG/JU
Sample : L1778-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7

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-BF022020.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	4.916	478	481	495	rVB	125958	176666	8.87%	0.876%
2	5.351	552	555	573	rBV	1131316	1497848	75.21%	7.423%
3	6.381	726	730	749	rBV	1234247	1513774	76.01%	7.502%
4	6.722	785	788	796	rBV	632455	560643	28.15%	2.778%
5	6.881	811	815	825	rBV	1546267	1435937	72.10%	7.116%
6	7.287	881	884	897	rBV	1040129	1041605	52.30%	5.162%
7	8.004	1003	1006	1015	rBV	797991	705647	35.43%	3.497%
8	8.722	1125	1128	1136	rBV	25878	28610	1.44%	0.142%
9	8.822	1142	1145	1148	rBV2	19930	21411	1.08%	0.106%
10	9.081	1185	1189	1200	rBV	2195759	1991629	100.00%	9.870%
11	9.416	1243	1246	1249	rBV	21934	24839	1.25%	0.123%
12	9.475	1253	1256	1264	rVB	161651	155645	7.81%	0.771%
13	9.622	1278	1281	1286	rVB	33192	29310	1.47%	0.145%
14	9.757	1300	1304	1308	rBV	956892	821847	41.27%	4.073%
15	9.786	1308	1309	1314	rVB2	25640	23019	1.16%	0.114%
16	9.963	1334	1339	1344	rBV2	24260	32113	1.61%	0.159%
17	10.304	1394	1397	1403	rVB2	24505	33745	1.69%	0.167%
18	10.551	1435	1439	1451	rBV	1166401	1209868	60.75%	5.996%
19	10.669	1455	1459	1465	rVB5	28998	48259	2.42%	0.239%
20	11.010	1514	1517	1521	rVB2	24329	31754	1.59%	0.157%
21	11.063	1521	1526	1528	rVV2	22671	25863	1.30%	0.128%
22	11.104	1528	1533	1537	rVV5	30573	46411	2.33%	0.230%
23	11.139	1537	1539	1545	rVB4	18253	22348	1.12%	0.111%
24	11.239	1553	1556	1559	rBV	841312	798527	40.09%	3.957%
25	11.263	1559	1560	1565	rVV	231911	198328	9.96%	0.983%
26	11.322	1567	1570	1573	rVB	75336	66760	3.35%	0.331%
27	11.486	1593	1598	1603	rBV2	45096	69942	3.51%	0.347%
28	11.745	1639	1642	1644	rBV	49669	43641	2.19%	0.216%
29	11.774	1644	1647	1653	rVB	118351	123374	6.19%	0.611%
30	11.857	1658	1661	1663	rVV2	69027	76929	3.86%	0.381%
31	11.880	1663	1665	1668	rVB	37241	31077	1.56%	0.154%
32	12.039	1690	1692	1696	rVB2	26954	24429	1.23%	0.121%
33	12.086	1696	1700	1702	rBV2	21928	21589	1.08%	0.107%
34	12.186	1713	1717	1720	rBV3	19200	24914	1.25%	0.123%

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Misc :
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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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.292	1732	1735	1738	rBV	56307	51900	2.61%	0.257%
36	12.327	1738	1741	1744	rVV4	28761	37909	1.90%	0.188%
37	12.392	1747	1752	1754	rVV3	26288	34458	1.73%	0.171%
38	12.433	1755	1759	1760	rVV2	49168	42359	2.13%	0.210%
39	12.457	1760	1763	1768	rVB	411433	369087	18.53%	1.829%
40	12.557	1777	1780	1785	rBV4	22668	29330	1.47%	0.145%
41	12.610	1785	1789	1791	rVB2	25221	25254	1.27%	0.125%
42	12.686	1796	1802	1807	rVV	328792	413009	20.74%	2.047%
43	12.739	1808	1811	1815	rVB2	35937	45294	2.27%	0.224%
44	12.821	1821	1825	1828	rBV	1737585	1557433	78.20%	7.718%
45	12.857	1828	1831	1835	rVB	39803	51837	2.60%	0.257%
46	12.904	1835	1839	1844	rBV4	37092	71167	3.57%	0.353%
47	12.992	1850	1854	1855	rBV4	34714	39012	1.96%	0.193%
48	13.016	1855	1858	1861	rVB	70030	72337	3.63%	0.358%
49	13.080	1866	1869	1871	rVV	40693	34239	1.72%	0.170%
50	13.116	1871	1875	1882	rVV3	51402	84514	4.24%	0.419%
51	13.210	1888	1891	1894	rBV	34513	35452	1.78%	0.176%
52	13.245	1894	1897	1900	rVV3	23039	26543	1.33%	0.132%
53	13.386	1919	1921	1924	rBV3	21593	21664	1.09%	0.107%
54	13.533	1943	1946	1952	rVB	64353	73238	3.68%	0.363%
55	13.639	1959	1964	1965	rBV2	57750	68885	3.46%	0.341%
56	13.745	1978	1982	1987	rVB3	90373	143194	7.19%	0.710%
57	13.880	2001	2005	2008	rBV2	750700	903261	45.35%	4.476%
58	13.910	2008	2010	2013	rVB	227288	196849	9.88%	0.976%
59	13.992	2021	2024	2027	rBV2	36620	44613	2.24%	0.221%
60	14.039	2029	2032	2035	rBV3	46486	49532	2.49%	0.245%
61	14.274	2067	2072	2075	rBV	74600	100690	5.06%	0.499%
62	14.304	2075	2077	2080	rVB	38717	29937	1.50%	0.148%
63	14.339	2080	2083	2086	rBV4	50339	61257	3.08%	0.304%
64	14.398	2091	2093	2100	rVB4	58959	96706	4.86%	0.479%
65	14.598	2124	2127	2131	rBV4	44900	70436	3.54%	0.349%
66	14.704	2142	2145	2151	rVB	125043	139892	7.02%	0.693%
67	14.762	2151	2155	2159	rBV2	51232	64000	3.21%	0.317%
68	14.904	2176	2179	2182	rBV	341032	434513	21.82%	2.153%
69	15.010	2194	2197	2201	rBV	62366	78083	3.92%	0.387%
70	15.092	2209	2211	2217	rBV4	28966	56352	2.83%	0.279%
71	15.192	2225	2228	2235	rVB	182493	215407	10.82%	1.068%

LSC Area Percent Report

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ClientSampleId : S7

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.257	2235	2239	2244	rBV	184460	230044	11.55%	1.140%
73	15.310	2244	2248	2253	rBV	574143	708794	35.59%	3.513%
74	15.704	2313	2315	2321	rVB3	33691	37955	1.91%	0.188%
75	16.727	2481	2489	2495	rBV3	99189	223112	11.20%	1.106%
76	17.151	2557	2561	2572	rVB	69947	150768	7.57%	0.747%

Sum of corrected areas: 20178617

LSC Report - Integrated Chromatogram

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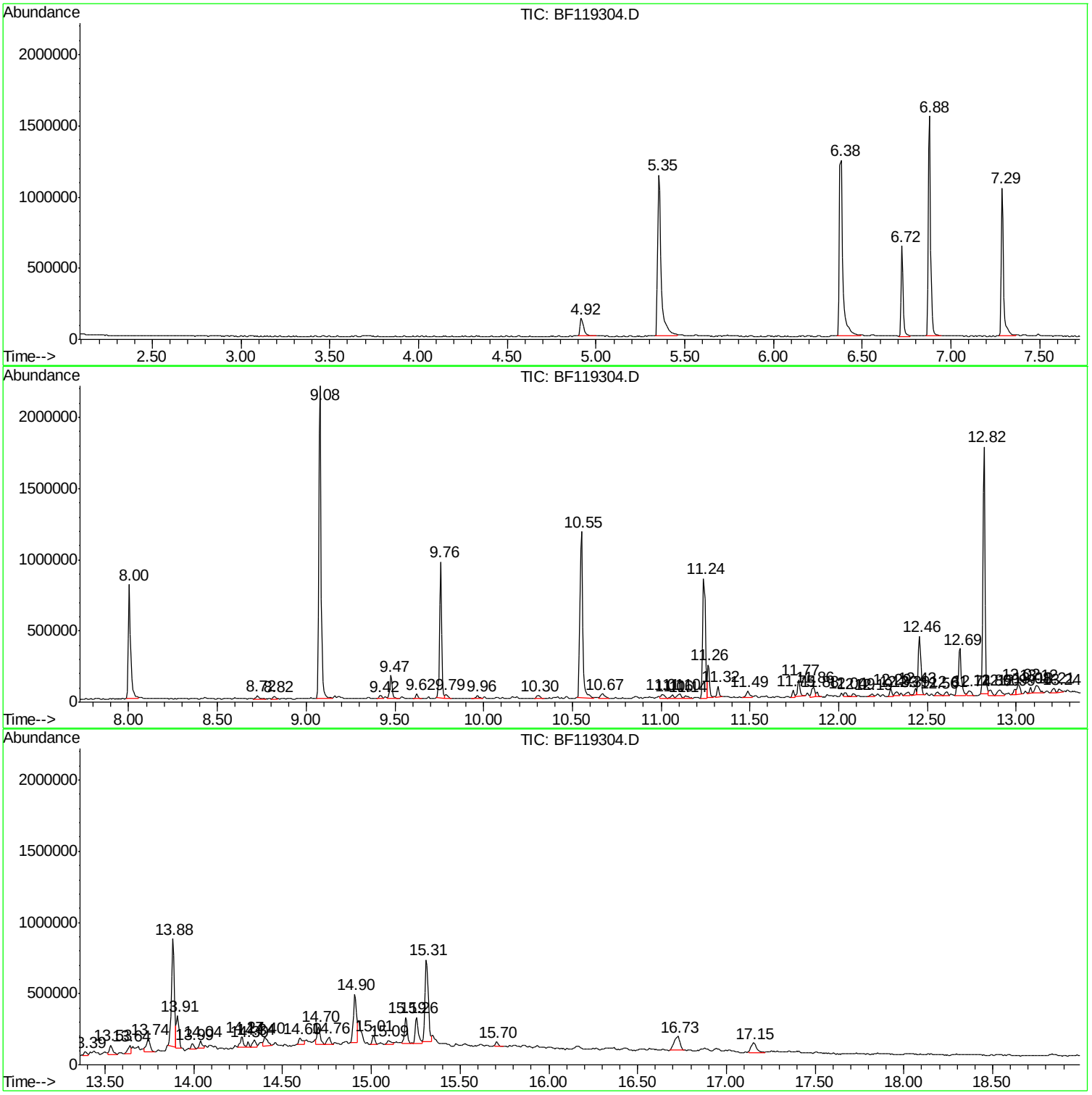
Sample : L1778-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF030920\
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Operator : CG/JU
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

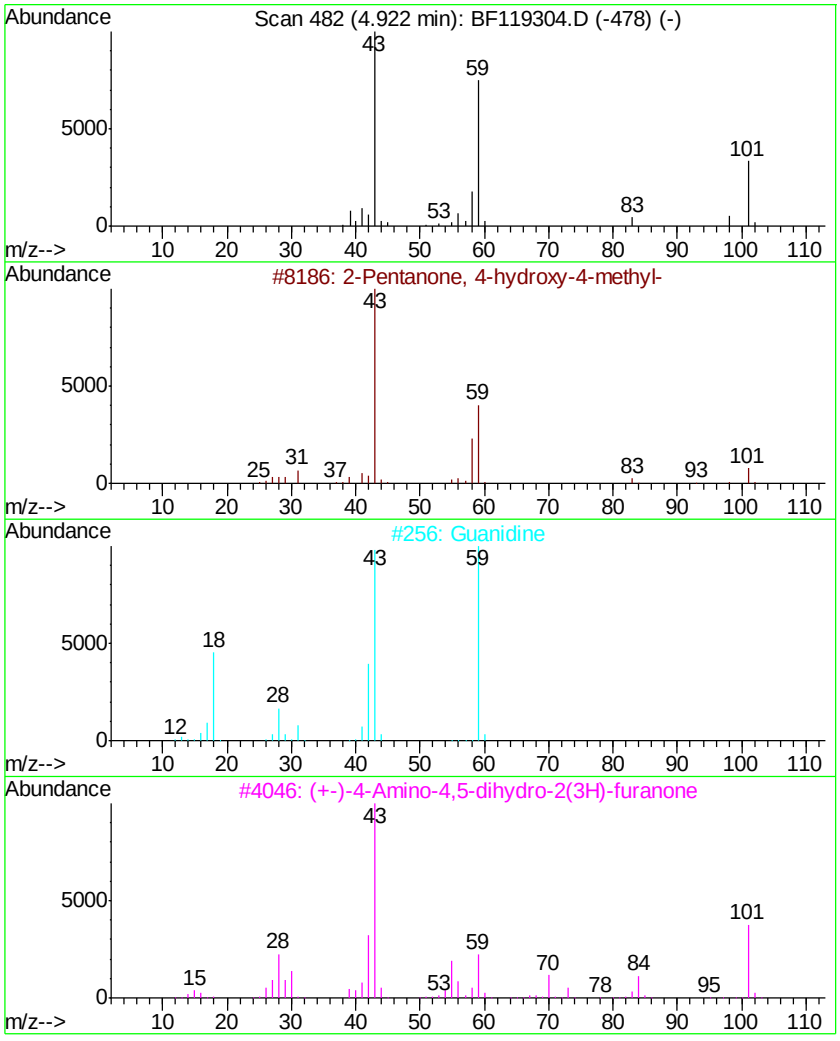
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

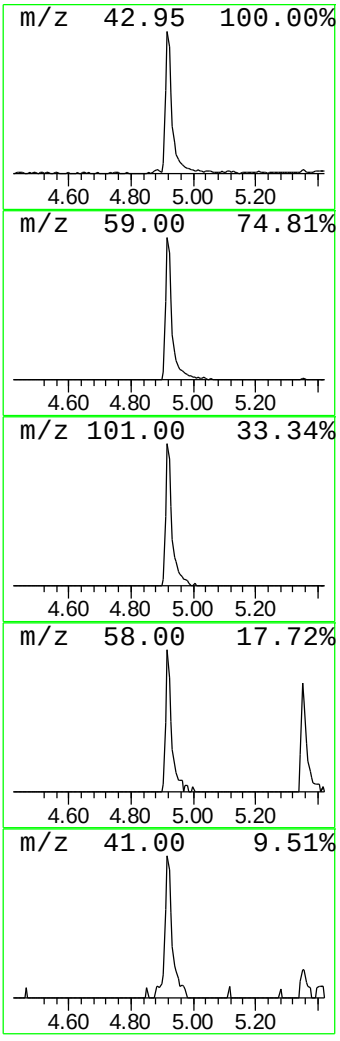
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.30 ng	176666	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	27
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Sample : L1778-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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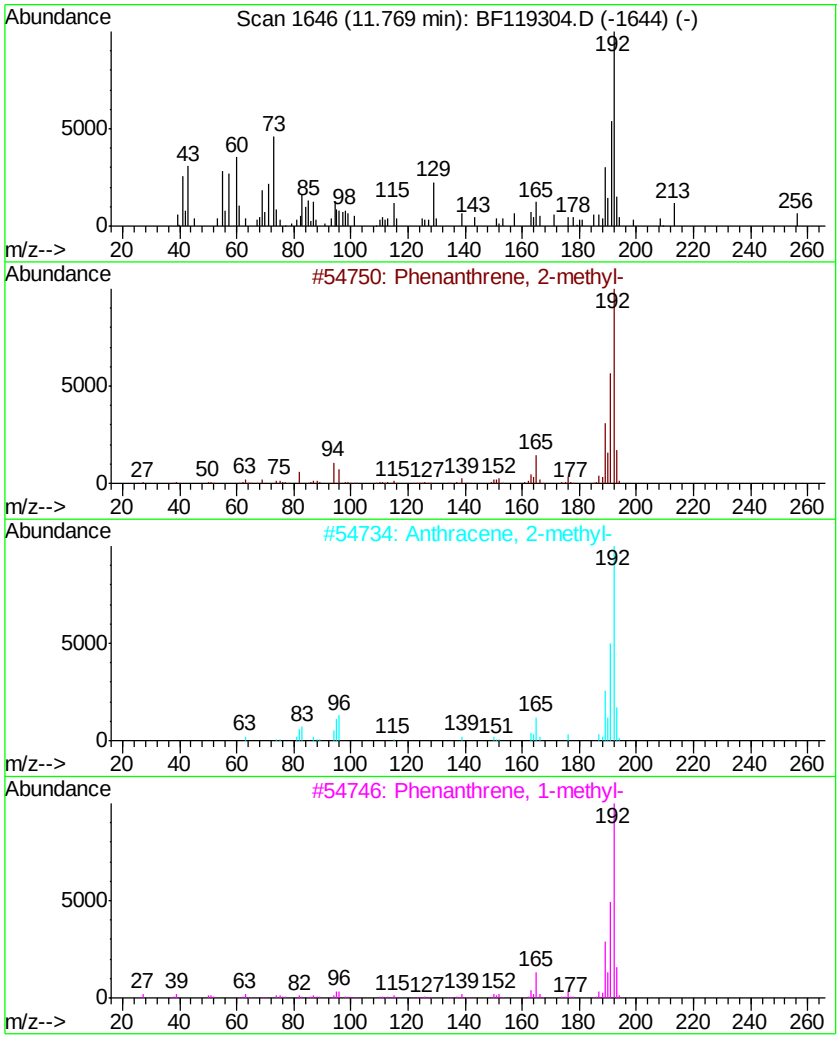
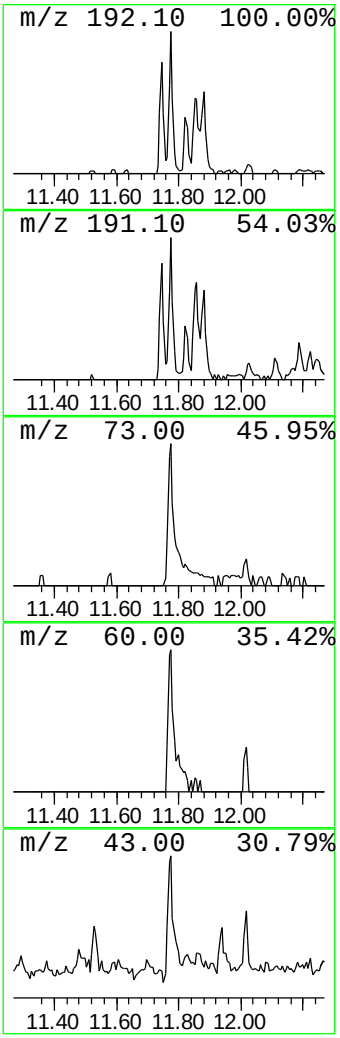
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.09 ng	123374	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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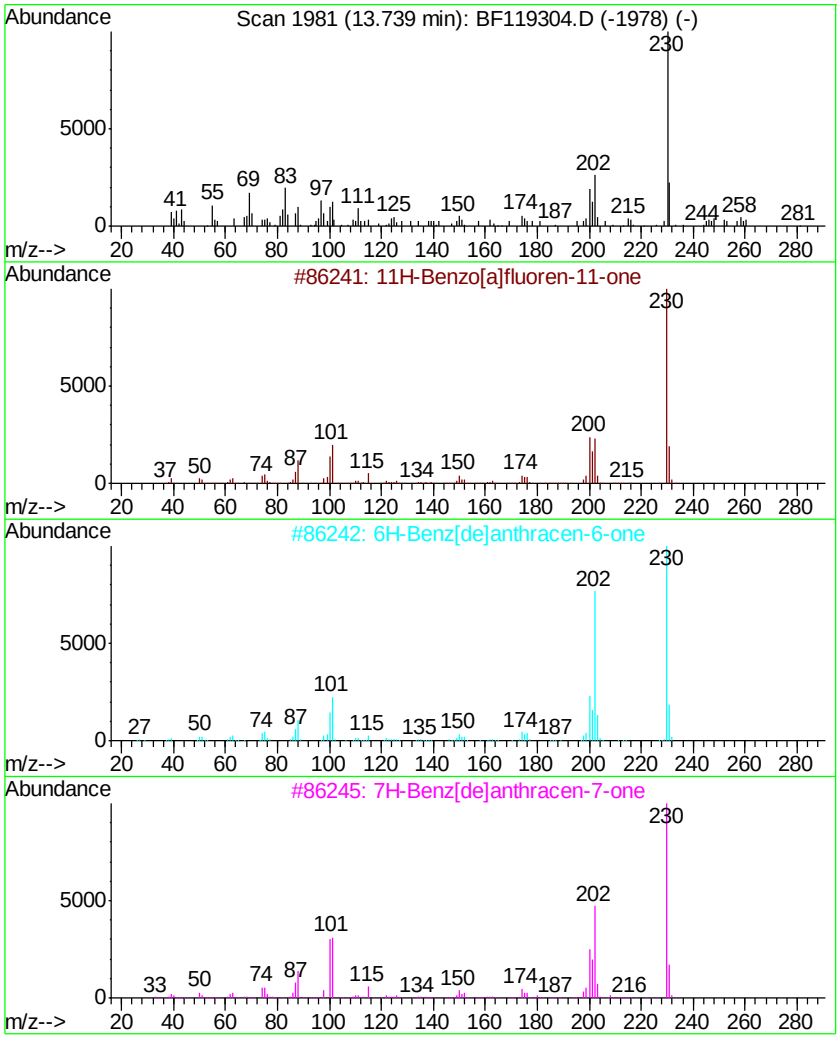
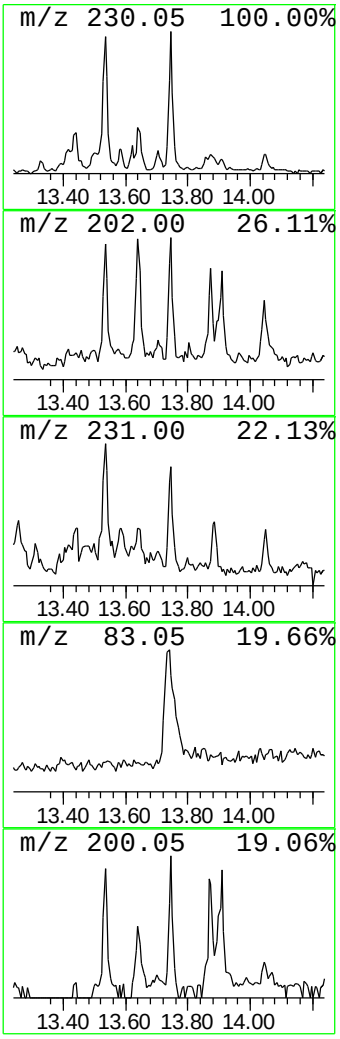
Peak Number 4 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.17 ng	143194	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	86
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	50
5	o-Terphenyl	230	C18H14	000084-15-1	50





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

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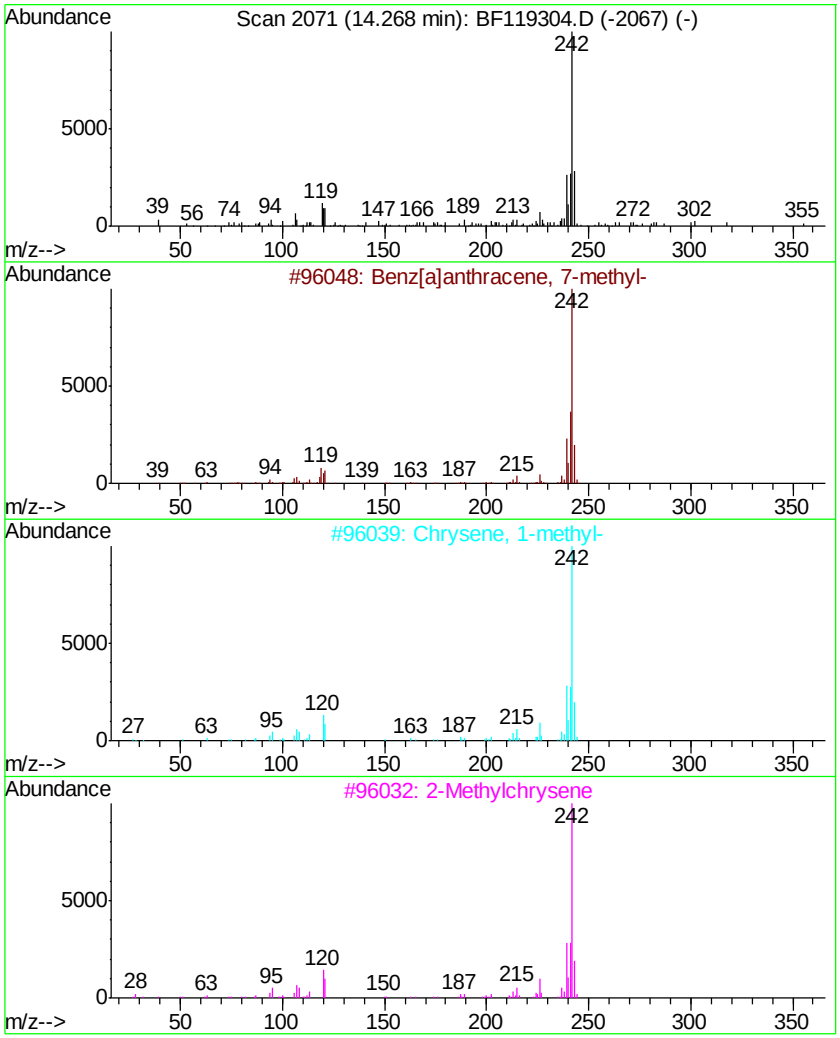
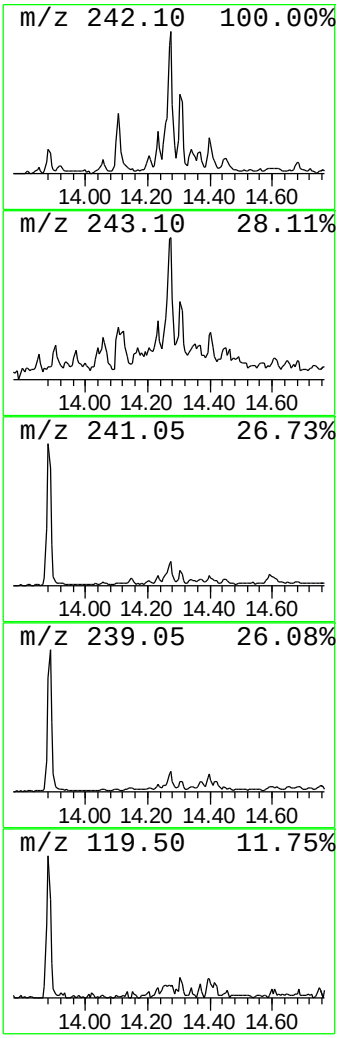
Peak Number 5 Benz[a]anthracene, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.23 ng	100690	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
3	2-Methylchrysene	242	C19H14	003351-32-4	89
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	81
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	76





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

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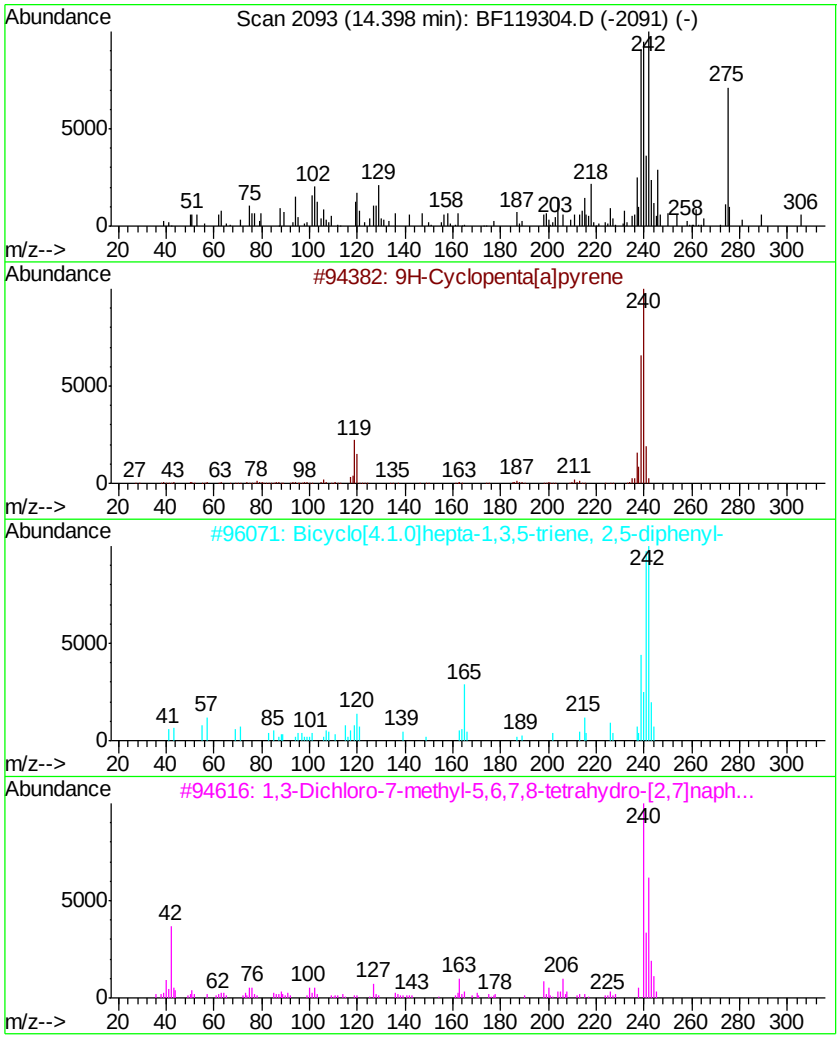
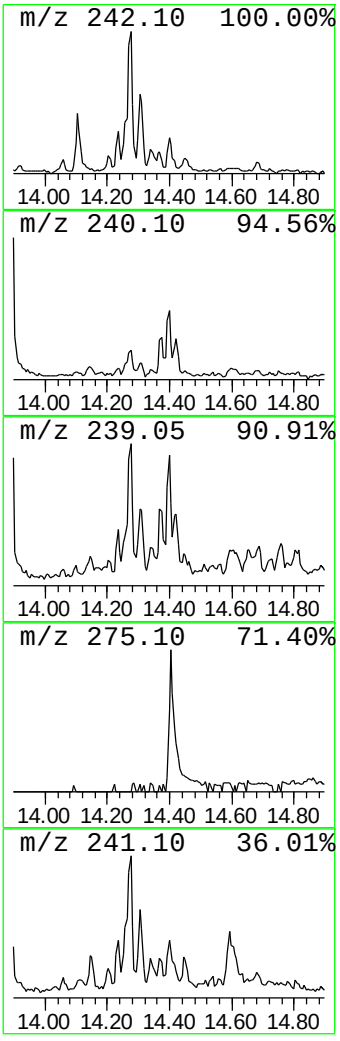
Peak Number 6 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	2.14 ng	96706	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	45
2	Bicyclo[4.1.0]hepta-1,3,5-triene...	242	C19H14	052750-12-6	44
3	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	38
4	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	35
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	35





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Instrument : BNA_F
ClientSampleId : S7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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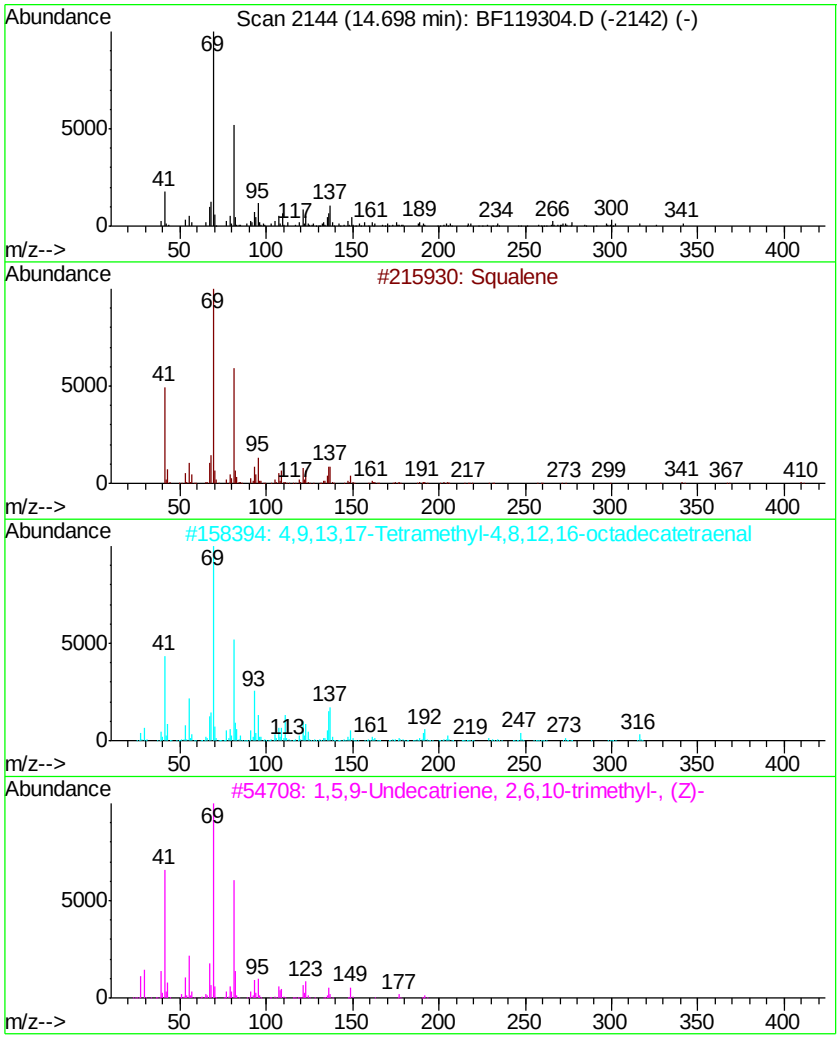
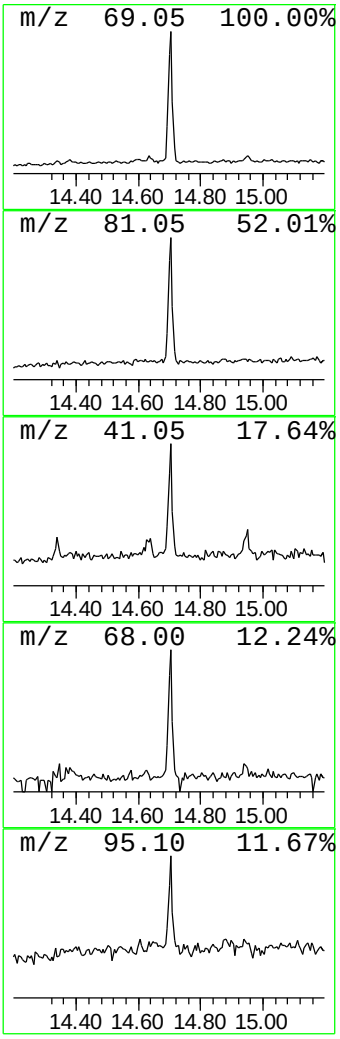
Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.95 ng	139892	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	87
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	76
4	Supraene	410	C30H50	007683-64-9	74
5	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72





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Sample : L1778-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

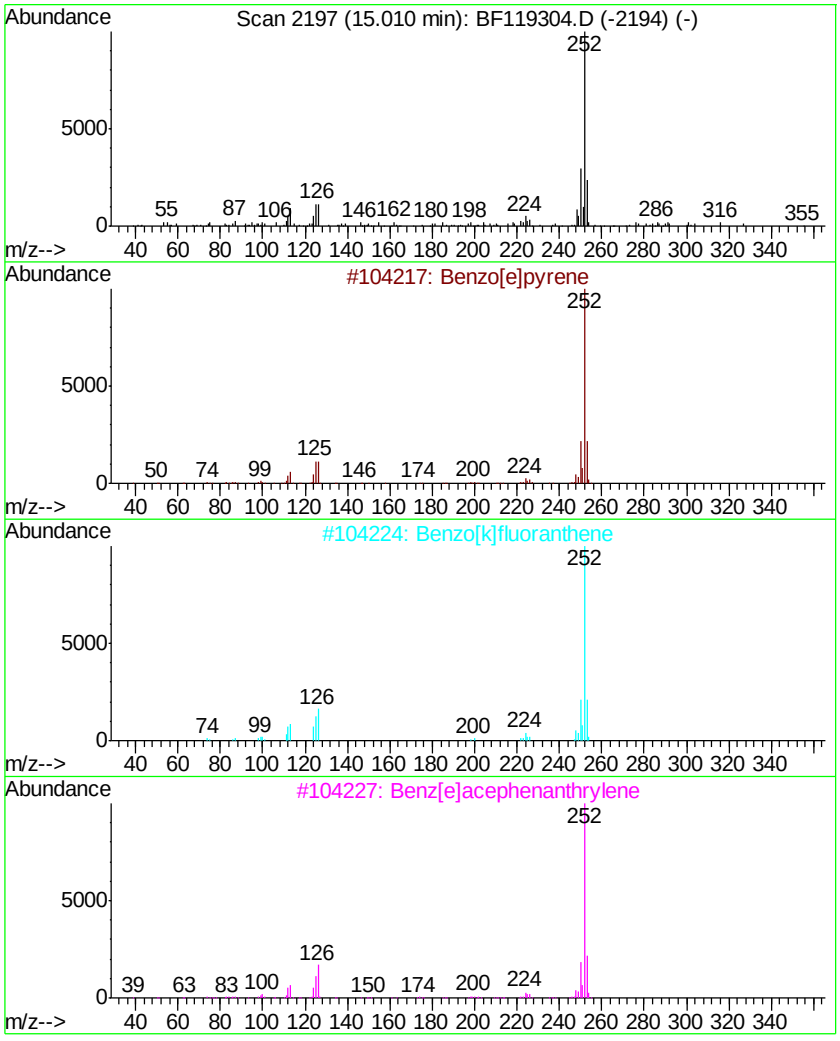
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

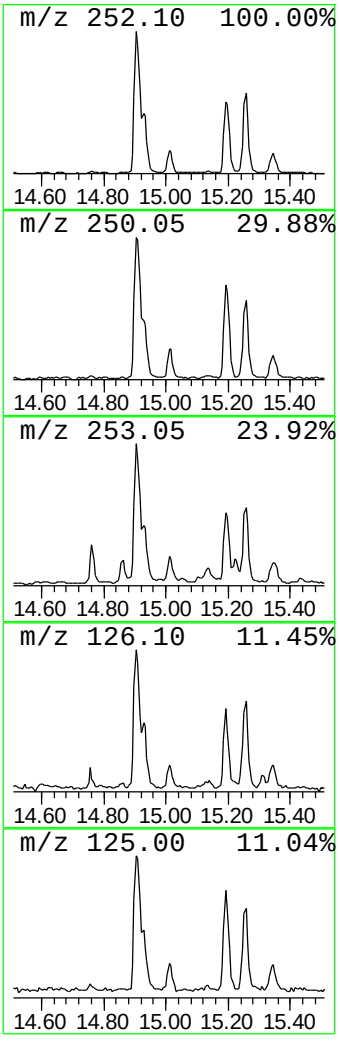
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.20 ng	78083	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030920\
Data File : BF119304.D
Acq On : 10 Mar 2020 1:23
Operator : CG/JU
Sample : L1778-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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...	4.92	6.3	ng	176666	1	6.72	560643	20.0
Phenanthrene, 2-m...	11.77	3.1	ng	123374	4	11.24	798527	20.0
11H-Benzo[a]fluor...	13.74	3.2	ng	143194	5	13.88	903261	20.0
Benz[a]anthracene...	14.27	2.2	ng	100690	5	13.88	903261	20.0
unknown-01	14.40	2.1	ng	96706	5	13.88	903261	20.0
Squalene	14.70	4.0	ng	139892	6	15.31	708794	20.0
Benzo[e]pyrene	15.01	2.2	ng	78083	6	15.31	708794	20.0