LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.010	492	497	502	rBV	51949	70106	3.91%	0.341%
2	5.428	564	568	583	rVB	1634243	1508498	84.22%	7.333%
3	6.451	738	742	754	rBV	1632963	1573610	87.86%	7.649%
4	6.581	760	764	767	rBV	1959159	1653873	92.34%	8.040%
5	6.810	799	803	806	rBV	695099	589018	32.89%	2.863%
6	6.963	825	829	833	rBV	1641417	1345647	75.13%	6.541%
7	7.375	895	899	902	rBV	1114756	967052	53.99%	4.701%
8	8.092	1018	1021	1024	rBV	921383	752741	42.03%	3.659%
9	8.810	1139	1143	1148	rVB2	26352	30340	1.69%	0.147%
10	9.169	1200	1204	1207	rBV	2159048	1791066	100.00%	8.706%
11	9.239	1214	1216	1219	rVB	30207	23898	1.33%	0.116%
12	9.504	1258	1261	1264	rBV2	21950	26467	1.48%	0.129%
13	9.563	1267	1271	1278	rVB	140907	143348	8.00%	0.697%
14	9.710	1293	1296	1301	rBV	32224	25490	1.42%	0.124%
15	9.769	1303	1306	1310	rVV	59190	46606	2.60%	0.227%
16	9.851	1316	1320	1323	rBV	905150	790210	44.12%	3.841%
17	9.880	1323	1325	1334	rVB	42148	46782	2.61%	0.227%
18	10.051	1352	1354	1358	rVV2	20553	22938	1.28%	0.112%
19	10.092	1358	1361	1365	rVB2	25309	23169	1.29%	0.113%
20	10.269	1388	1391	1394	rVB	79767	64634	3.61%	0.314%
21	10.398	1410	1413	1418	rVB3	22238	29852	1.67%	0.145%
22	10.504	1429	1431	1436	rVB3	25908	26632	1.49%	0.129%
23	10.645	1451	1455	1462	rBV	951791	994677	55.54%	4.835%
24	10.704	1462	1465	1469	rVV	31969	47613	2.66%	0.231%
25	10.745	1469	1472	1482	rVB2	68806	95452	5.33%	0.464%
26	11.145	1537	1540	1545	rBV2	26225	27599	1.54%	0.134%
27	11.192	1545	1548	1551	rVV3	57954	55713	3.11%	0.271%
28	11.233	1551	1555	1560	rVB3	24013	41472	2.32%	0.202%
29	11.339	1569	1573	1575	rBV	863903	754997	42.15%	3.670%
30	11.363	1575	1577	1583	rVV	407700	325910	18.20%	1.584%
31	11.416	1583	1586	1589	rVB	77203	61150	3.41%	0.297%
32	11.575	1608	1613	1618	rBV2	43559	54720	3.06%	0.266%
33	11.622	1618	1621	1625	rVV2	30393	38034	2.12%	0.185%
34	11.675	1627	1630	1634	rVB2	24669	29302	1.64%	0.142%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.839	1655	1658	1660	rBV	73865	70202	3.92%	0.341%
36	11.869	1660	1663	1666	rVV	105066	110675	6.18%	0.538%
37	11.892	1666	1667	1669	rVB	41210	25611	1.43%	0.124%
38	11.951	1674	1677	1680	rVV2	93248	106666	5.96%	0.519%
39	11.974	1680	1681	1685	rVB	59122	40201	2.24%	0.195%
40	12.027	1687	1690	1693	rBV3	39790	39222	2.19%	0.191%
41	12.139	1706	1709	1711	rBV	55460	50412	2.81%	0.245%
42	12.169	1711	1714	1718	rVB	43845	47793	2.67%	0.232%
43	12.286	1729	1734	1736	rBV3	34620	42609	2.38%	0.207%
44	12.339	1741	1743	1746	rVB2	23714	22898	1.28%	0.111%
45	12.392	1748	1752	1754	rVV	76242	72700	4.06%	0.353%
46	12.422	1754	1757	1760	rVV4	46139	64935	3.63%	0.316%
47	12.451	1760	1762	1764	rVB	28700	21290	1.19%	0.103%
48	12.480	1764	1767	1771	rBV3	48116	53415	2.98%	0.260%
49	12.557	1777	1780	1784	rVB	647320	510001	28.47%	2.479%
50	12.692	1798	1803	1804	rBV5	21675	29968	1.67%	0.146%
51	12.786	1813	1819	1825	rBV	550353	592231	33.07%	2.879%
52	12.839	1825	1828	1831	rVB2	42552	48786	2.72%	0.237%
53	12.927	1839	1843	1846	rBV	1741669	1480446	82.66%	7.197%
54	13.004	1852	1856	1861	rBV5	53178	89337	4.99%	0.434%
55	13.092	1868	1871	1872	rBV3	49528	51571	2.88%	0.251%
56	13.116	1872	1875	1878	rVB	75789	78616	4.39%	0.382%
57	13.180	1883	1886	1889	rBV	45134	40775	2.28%	0.198%
58	13.221	1889	1893	1895	rVV2	58754	66462	3.71%	0.323%
59	13.310	1906	1908	1911	rBV	35820	34579	1.93%	0.168%
60	13.345	1911	1914	1917	rBV	46476	46143	2.58%	0.224%
61	13.398	1920	1923	1926	rBV2	34525	33072	1.85%	0.161%
62	13.627	1959	1962	1966	rVB	69870	69589	3.89%	0.338%
63	13.739	1977	1981	1983	rBV3	57509	71557	4.00%	0.348%
64	13.763	1983	1985	1987	rBV	42408	31930	1.78%	0.155%
65	13.786	1987	1989	1991	rBV2	30207	31597	1.76%	0.154%
66	13.816	1992	1994	1996	rVV	53207	41486	2.32%	0.202%
67	13.957	2015	2018	2019	rBV	50421	47447	2.65%	0.231%
68	13.992	2019	2024	2026	rVV2	713815	925257	51.66%	4.498%
69	14.016	2026	2028	2036	rVB	286397	262260	14.64%	1.275%
70	14.416	2094	2096	2100	rBV	34446	42105	2.35%	0.205%
71	15.039	2198	2202	2205	rBV	192786	271793	15.17%	1.321%

LSC Area Percent Report

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Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.339	2250	2253	2259	rVB	92686	118086	6.59%	0.574%
73	15.404	2260	2264	2269	rVB	146797	173323	9.68%	0.843%
74	15.468	2270	2275	2278	rBV	341219	425921	23.78%	2.070%
75	16.933	2521	2524	2531	rVB3	64548	110027	6.14%	0.535%

Sum of corrected areas: 20571610

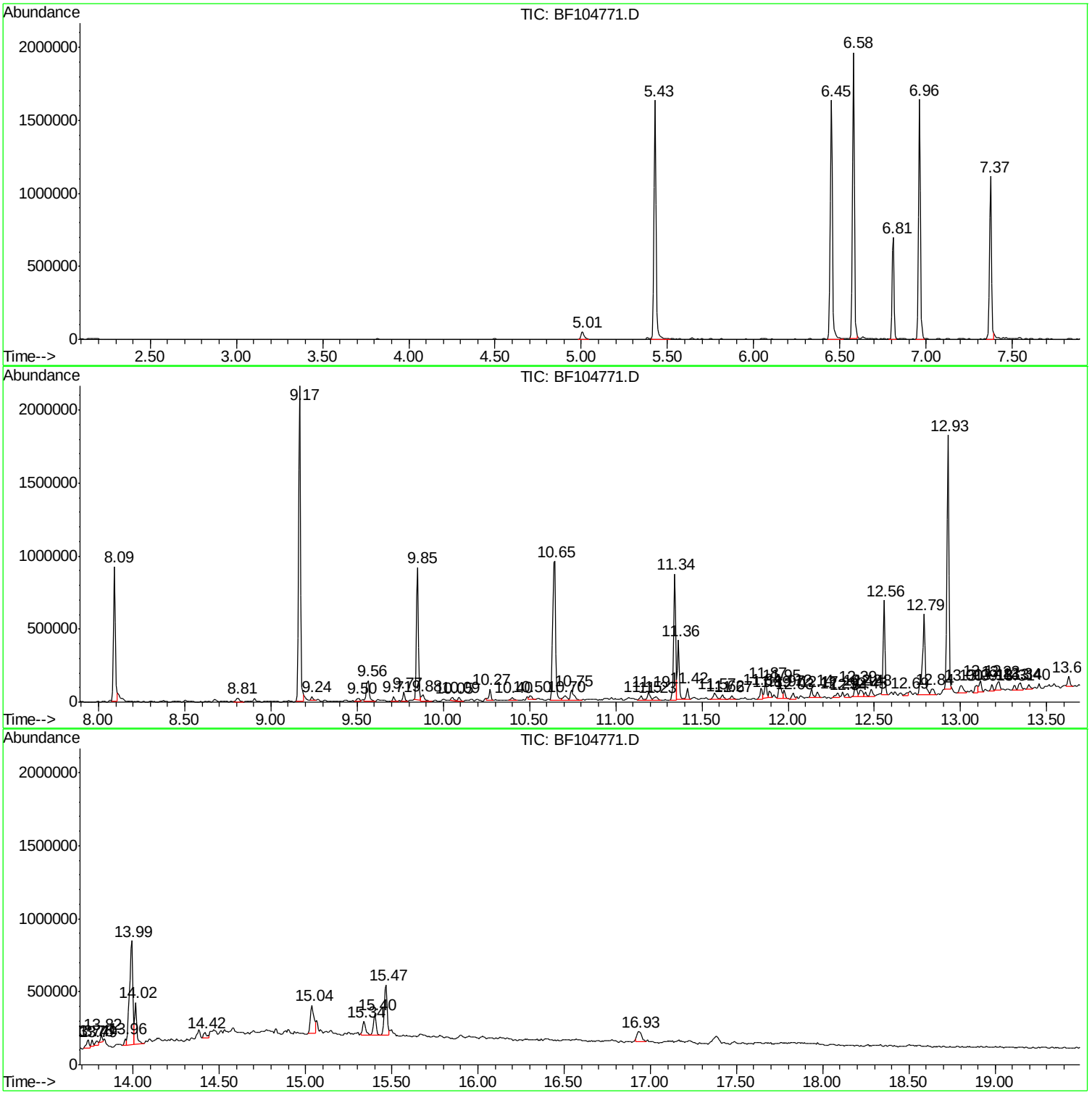
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

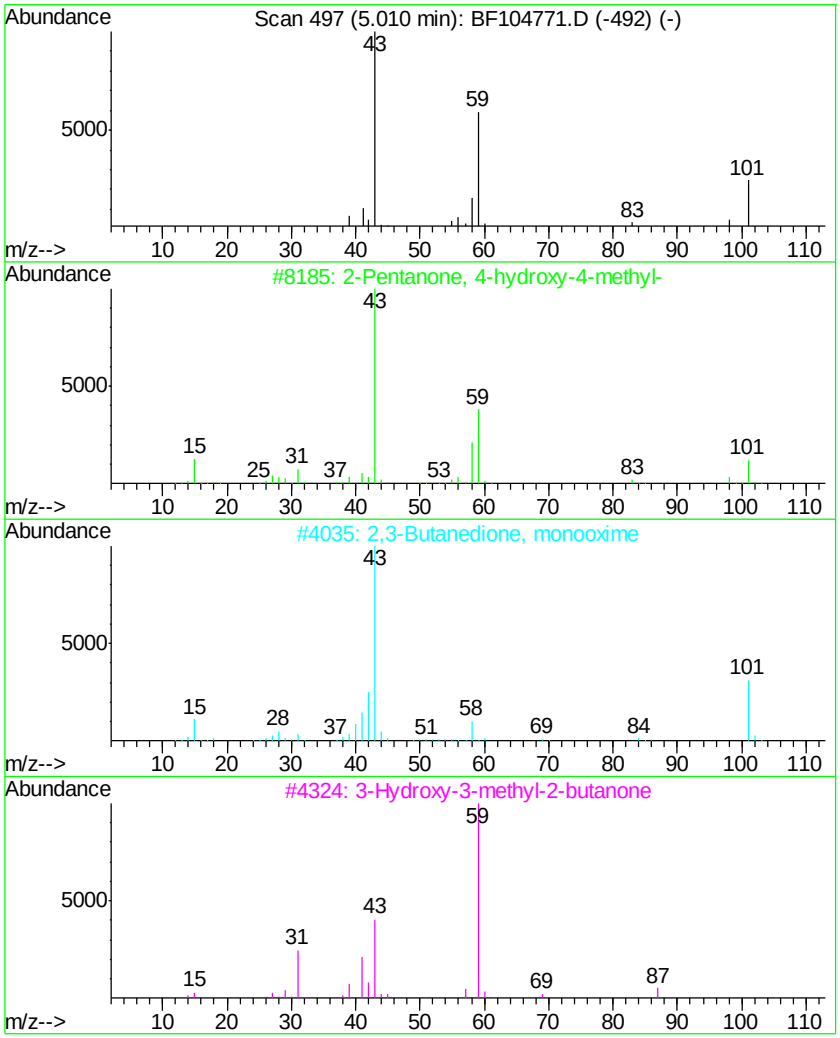
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

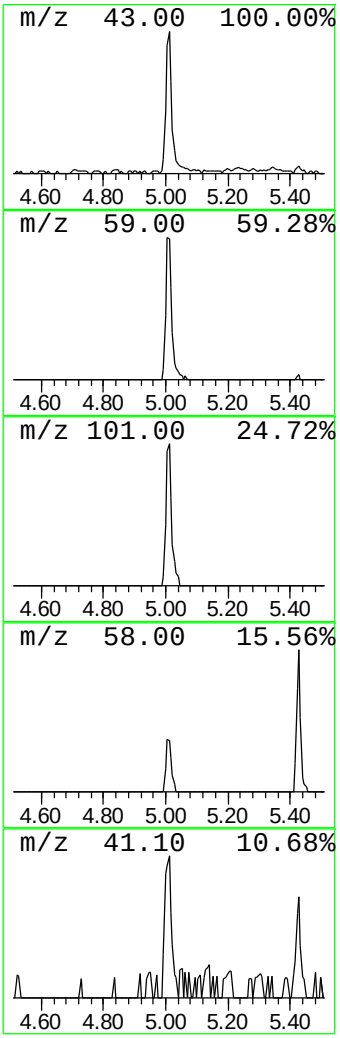
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.38 ng	70106	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

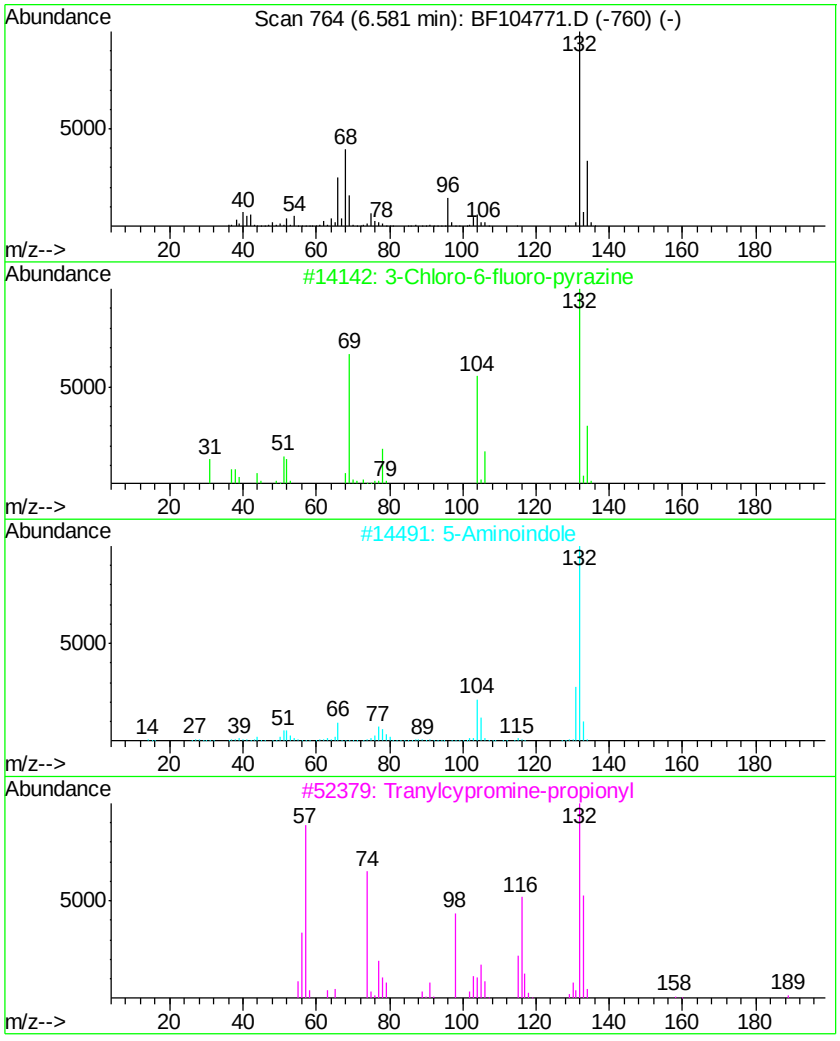
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

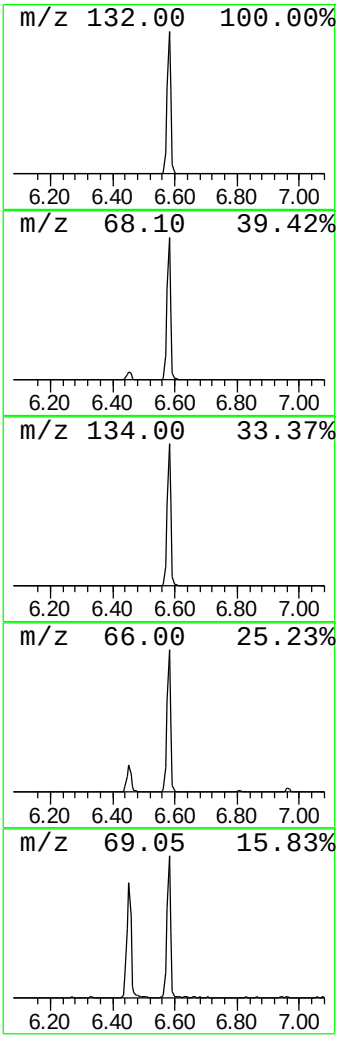
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	56.16 ng	1653870	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

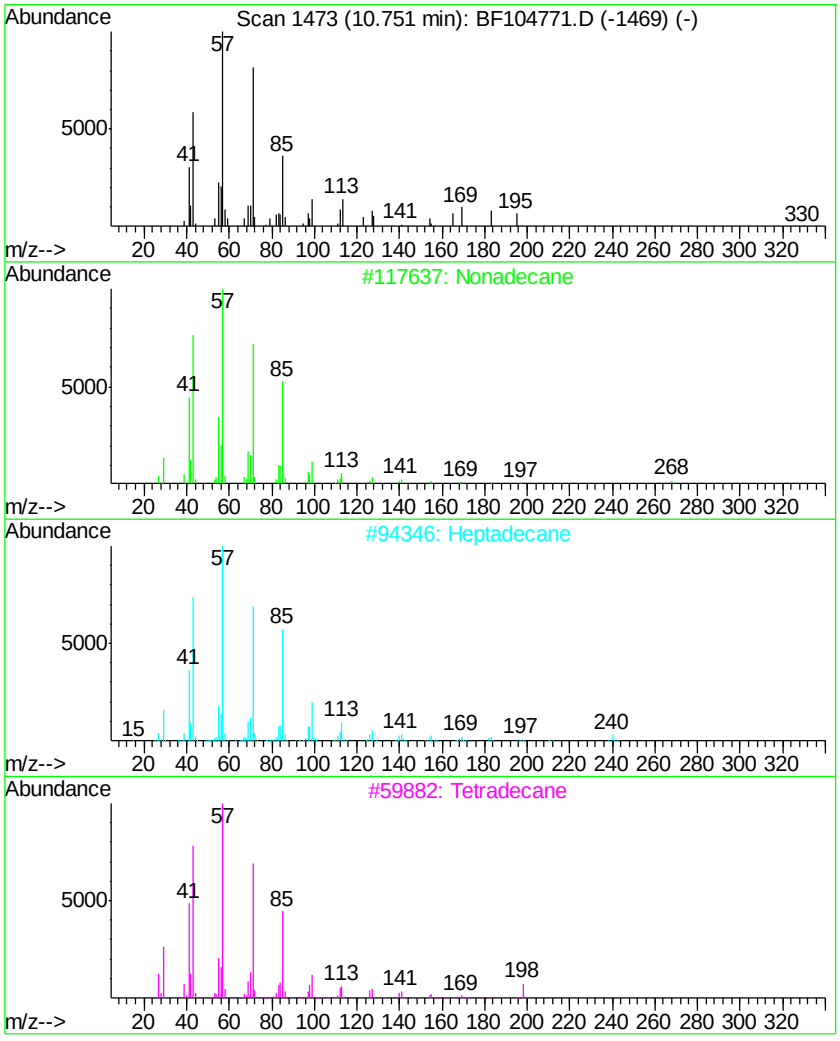
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

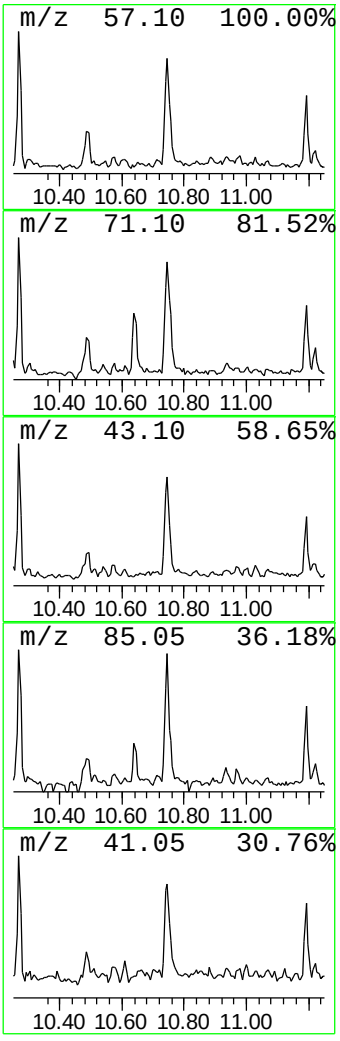
****

Peak Number 4 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.53 ng	95452	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Octadecane	254	C18H38	000593-45-3	86





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

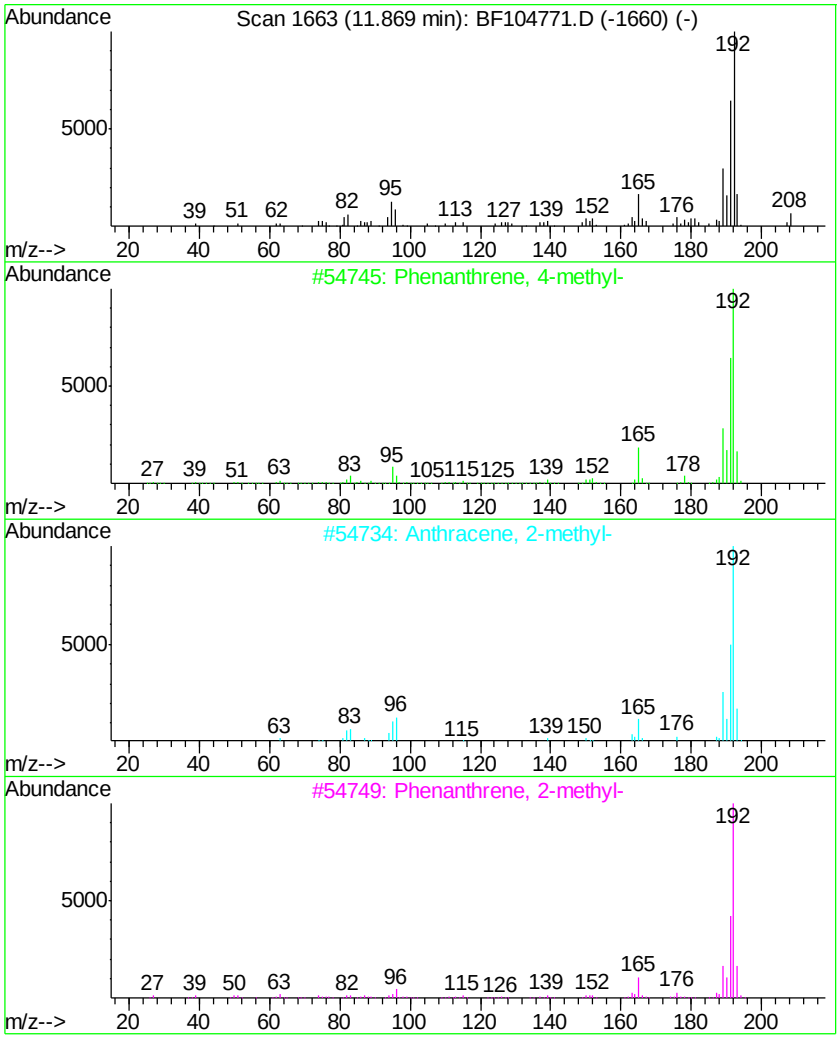
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

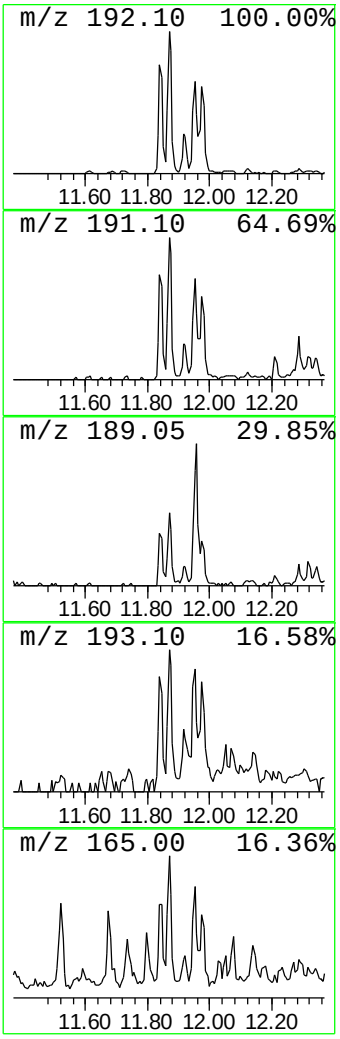
****

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.93 ng	110675	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

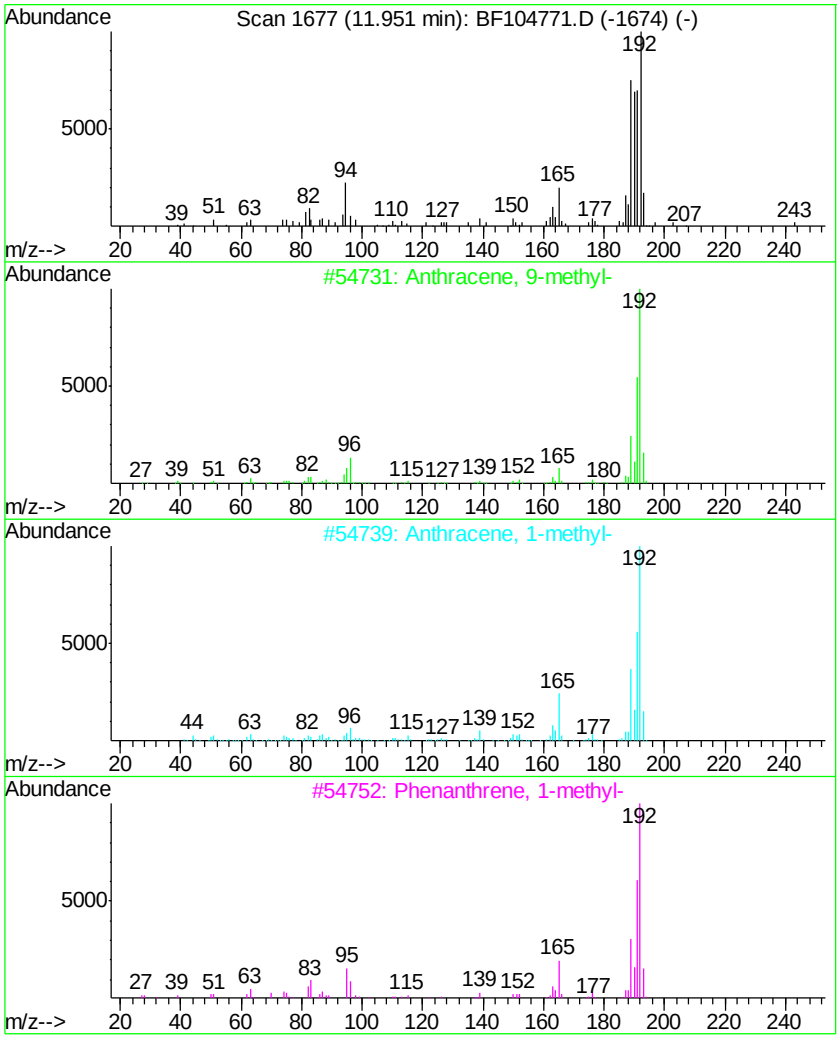
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

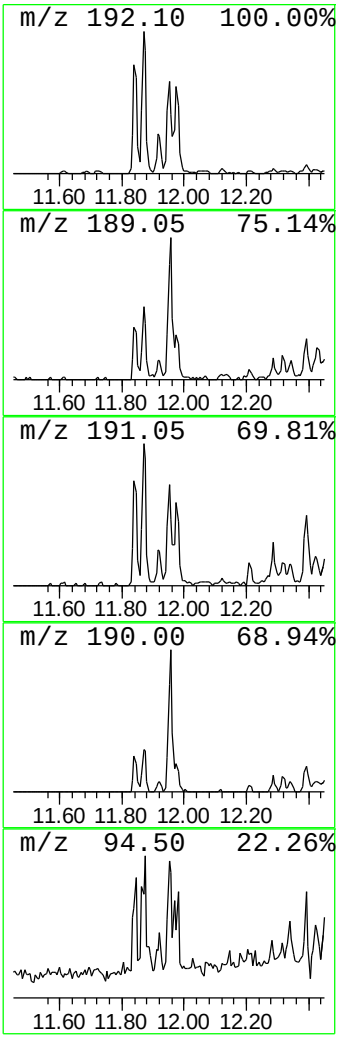
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.83 ng	106666	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	49





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Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

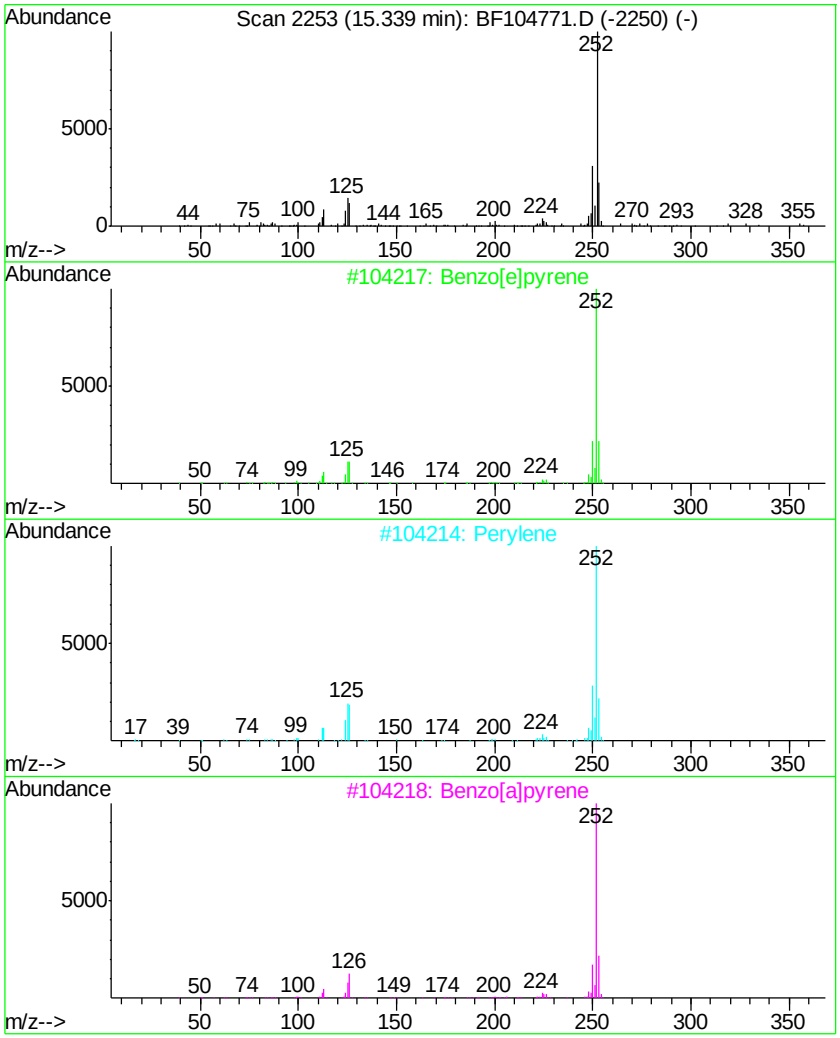
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

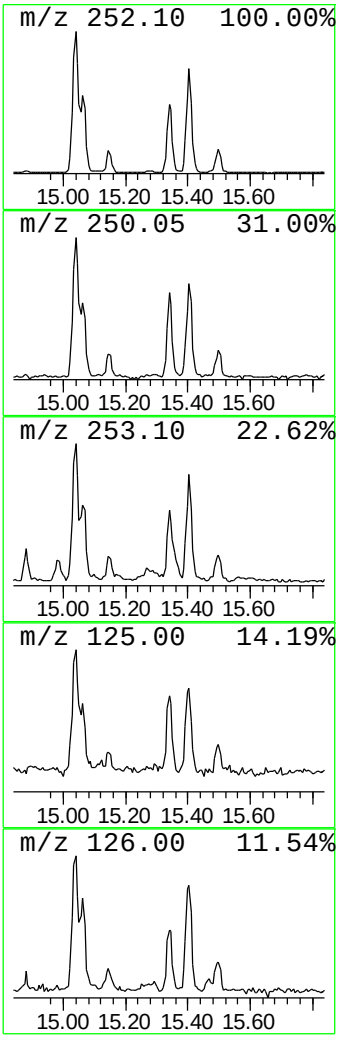
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.54 ng	118086	Perylene-d12	15.47

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	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.01	2.4	ng	70106	1	6.81	589018	20.0
unknown6.58	6.58	56.2	ng	1653870	1	6.81	589018	20.0
Nonadecane	10.75	2.5	ng	95452	4	11.34	754997	20.0
Phenanthrene, 4-m...	11.87	2.9	ng	110675	4	11.34	754997	20.0
Anthracene, 9-met...	11.95	2.8	ng	106666	4	11.34	754997	20.0
Benzo[e]pyrene	15.34	5.5	ng	118086	6	15.47	425921	20.0