LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112739.D
Acq On : 28 Feb 2019 00:45
Operator : JU/SJ
Sample : K1627-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

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	3.722	271	278	283	rBV2	16891	27260	1.40%	0.098%
2	5.339	549	553	557	rBV	1945870	1825724	94.10%	6.557%
3	5.569	588	592	600	rBV2	38060	53832	2.77%	0.193%
4	6.363	723	727	737	rVB	2021003	1902235	98.04%	6.832%
5	6.504	747	751	755	rBV	2138776	1901601	98.01%	6.830%
6	6.575	761	763	768	rBV2	57670	63113	3.25%	0.227%
7	6.622	768	771	776	rVB2	21827	23919	1.23%	0.086%
8	6.739	788	791	795	rBV	1354930	1102267	56.81%	3.959%
9	6.810	800	803	806	rVB2	35327	28536	1.47%	0.102%
10	6.898	814	818	821	rBV	1847871	1459576	75.23%	5.242%
11	7.004	832	836	840	rBV2	37208	40714	2.10%	0.146%
12	7.292	881	885	889	rBV	1195758	1121835	57.82%	4.029%
13	7.598	935	937	941	rVB	69712	58301	3.00%	0.209%
14	7.763	961	965	971	rBV5	17338	30960	1.60%	0.111%
15	7.839	974	978	983	rVB4	14065	23579	1.22%	0.085%
16	8.022	1005	1009	1012	rBV	1664488	1342923	69.21%	4.823%
17	8.239	1041	1046	1049	rBV	36888	32564	1.68%	0.117%
18	8.298	1053	1056	1059	rBV	44106	34900	1.80%	0.125%
19	8.733	1126	1130	1135	rVB2	92219	77349	3.99%	0.278%
20	8.833	1144	1147	1150	rVB	47535	43710	2.25%	0.157%
21	9.098	1188	1192	1195	rBV	2209827	1825534	94.09%	6.557%
22	9.192	1206	1208	1211	rBV	42413	30842	1.59%	0.111%
23	9.374	1236	1239	1246	rVB3	80048	99803	5.14%	0.358%
24	9.433	1246	1249	1251	rBV	31386	34163	1.76%	0.123%
25	9.492	1255	1259	1264	rVB2	175686	198006	10.21%	0.711%
26	9.627	1279	1282	1286	rBV	268838	225923	11.64%	0.811%
27	9.722	1295	1298	1301	rBV	44835	38257	1.97%	0.137%
28	9.769	1301	1306	1310	rBV2	1495436	1298580	66.93%	4.664%
29	10.045	1349	1353	1356	rBV4	22640	28003	1.44%	0.101%
30	10.074	1356	1358	1361	rBV	43326	43301	2.23%	0.156%
31	10.216	1380	1382	1385	rVB2	91706	80613	4.15%	0.290%
32	10.286	1390	1394	1396	rVV	37407	35832	1.85%	0.129%
33	10.327	1396	1401	1406	rVB	32015	52892	2.73%	0.190%
34	10.421	1414	1417	1423	rBV3	38568	67610	3.48%	0.243%

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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

35	10.492	1426	1429	1432	rVB	31626	31706	1.63%	0.114%
36	10.551	1435	1439	1442	rBV	1384137	1165482	60.07%	4.186%
37	10.686	1457	1462	1464	rBV3	78416	95124	4.90%	0.342%
38	10.851	1483	1490	1494	rBV7	29177	56251	2.90%	0.202%
39	11.010	1514	1517	1521	rBV	39428	33992	1.75%	0.122%
40	11.051	1521	1524	1529	rVB3	31680	36490	1.88%	0.131%
41	11.133	1535	1538	1541	rBV3	70725	71186	3.67%	0.256%
42	11.168	1541	1544	1547	rVB	42235	40872	2.11%	0.147%
43	11.245	1554	1557	1560	rBV	1660381	1399772	72.14%	5.028%
44	11.268	1560	1561	1566	rVV	182071	118359	6.10%	0.425%
45	11.321	1567	1570	1572	rVB	100125	84586	4.36%	0.304%
46	11.363	1572	1577	1582	rBV7	20884	31516	1.62%	0.113%
47	11.563	1608	1611	1612	rBV	50945	42332	2.18%	0.152%
48	11.657	1625	1627	1631	rVB2	44907	46525	2.40%	0.167%
49	11.710	1633	1636	1640	rBV5	41759	67570	3.48%	0.243%
50	11.745	1640	1642	1645	rBV	75706	74755	3.85%	0.268%
51	11.786	1645	1649	1653	rVV2	358285	370174	19.08%	1.330%
52	11.821	1653	1655	1658	rVB2	55653	41435	2.14%	0.149%
53	11.857	1658	1661	1663	rBV	97420	107218	5.53%	0.385%
54	11.963	1677	1679	1685	rVB4	58647	67201	3.46%	0.241%
55	12.039	1690	1692	1694	rBV	36729	36895	1.90%	0.133%
56	12.245	1725	1727	1730	rVB2	36313	27933	1.44%	0.100%
57	12.298	1732	1736	1739	rVV3	88920	117442	6.05%	0.422%
58	12.333	1739	1742	1743	rVV2	36940	42665	2.20%	0.153%
59	12.351	1743	1745	1747	rVV	87188	70153	3.62%	0.252%
60	12.374	1747	1749	1754	rVB4	49018	72824	3.75%	0.262%
61	12.451	1759	1762	1766	rBV	268197	222323	11.46%	0.799%
62	12.545	1776	1778	1780	rBV	89102	73482	3.79%	0.264%
63	12.568	1780	1782	1786	rVV3	88036	98563	5.08%	0.354%
64	12.621	1788	1791	1796	rVB	73984	78733	4.06%	0.283%
65	12.680	1797	1801	1803	rBV	444861	400141	20.62%	1.437%
66	12.827	1822	1826	1830	rBV	2261148	1940272	100.00%	6.969%
67	12.898	1835	1838	1842	rBV	84947	100071	5.16%	0.359%
68	12.986	1850	1853	1854	rBV3	74152	73337	3.78%	0.263%
69	13.074	1865	1868	1871	rVB2	104412	102597	5.29%	0.368%
70	13.110	1871	1874	1877	rBV	122582	109395	5.64%	0.393%
71	13.204	1887	1890	1892	rVV	114901	88085	4.54%	0.316%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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72	13.233	1892	1895	1900	rVB	99140	86259	4.45%	0.310%
73	13.415	1924	1926	1930	rVB2	63213	68754	3.54%	0.247%
74	13.651	1964	1966	1968	rBV	54234	39197	2.02%	0.141%
75	13.733	1977	1980	1985	rVB	310099	314234	16.20%	1.129%
76	13.874	1999	2004	2006	rBV2	1596516	1777456	91.61%	6.384%
77	13.898	2006	2008	2010	rVB	215018	171394	8.83%	0.616%
78	14.257	2067	2069	2072	rVB	110085	87256	4.50%	0.313%
79	14.362	2085	2087	2092	rBV3	137639	155428	8.01%	0.558%
80	14.662	2135	2138	2143	rVB2	184332	176090	9.08%	0.632%
81	14.733	2147	2150	2155	rVB	246239	240200	12.38%	0.863%
82	14.880	2172	2175	2182	rBV	141611	267370	13.78%	0.960%
83	14.980	2189	2192	2200	rVB	252042	334362	17.23%	1.201%
84	15.162	2220	2223	2227	rVB	134385	145086	7.48%	0.521%
85	15.215	2230	2232	2237	rVB2	188827	206229	10.63%	0.741%
86	15.280	2239	2243	2247	rBV	806935	881054	45.41%	3.164%

Sum of corrected areas: 27842083

LSC Report - Integrated Chromatogram

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Misc :
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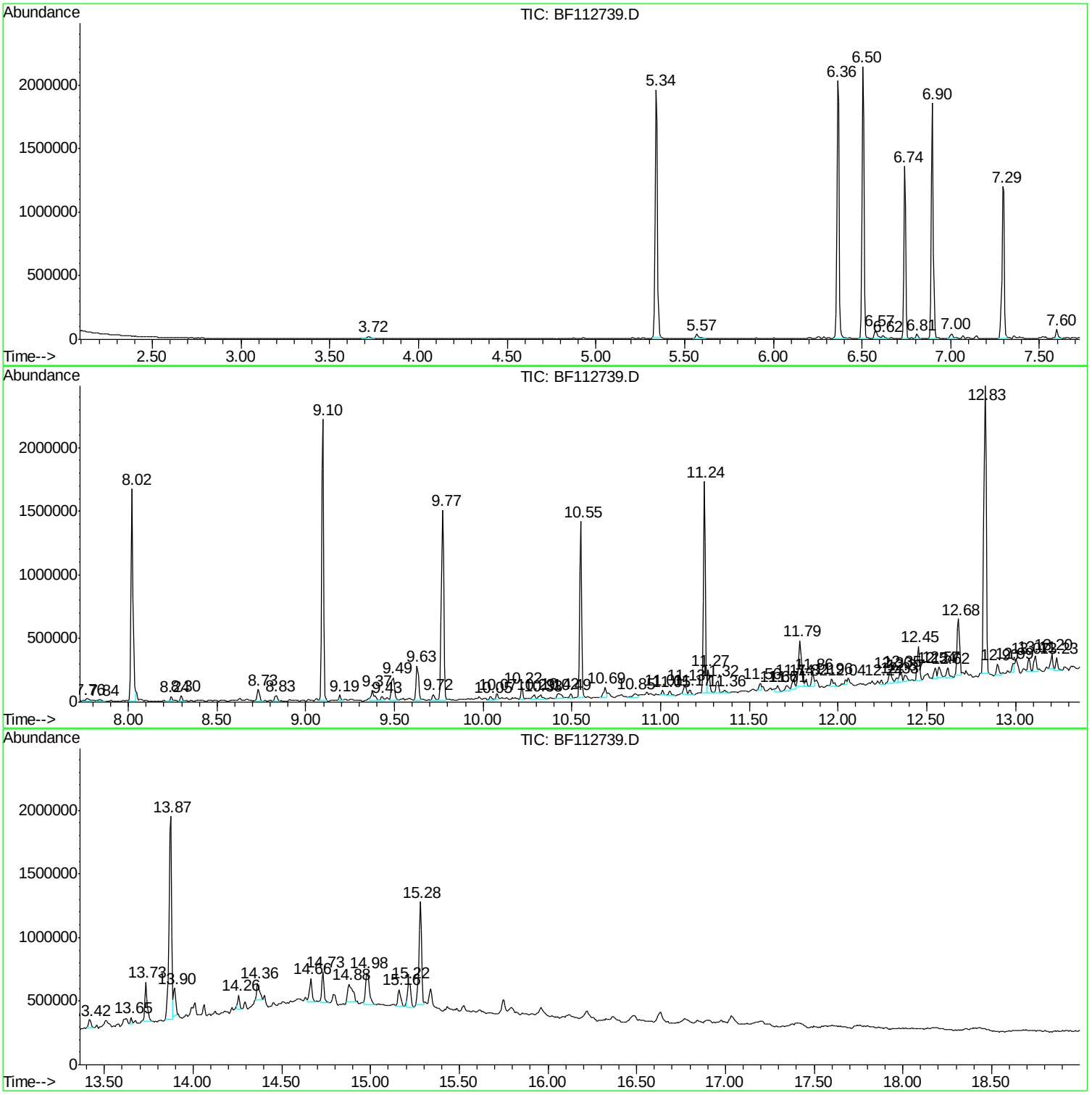
Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

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\BF022719\
Data File : BF112739.D
Acq On : 28 Feb 2019 00:45
Operator : JU/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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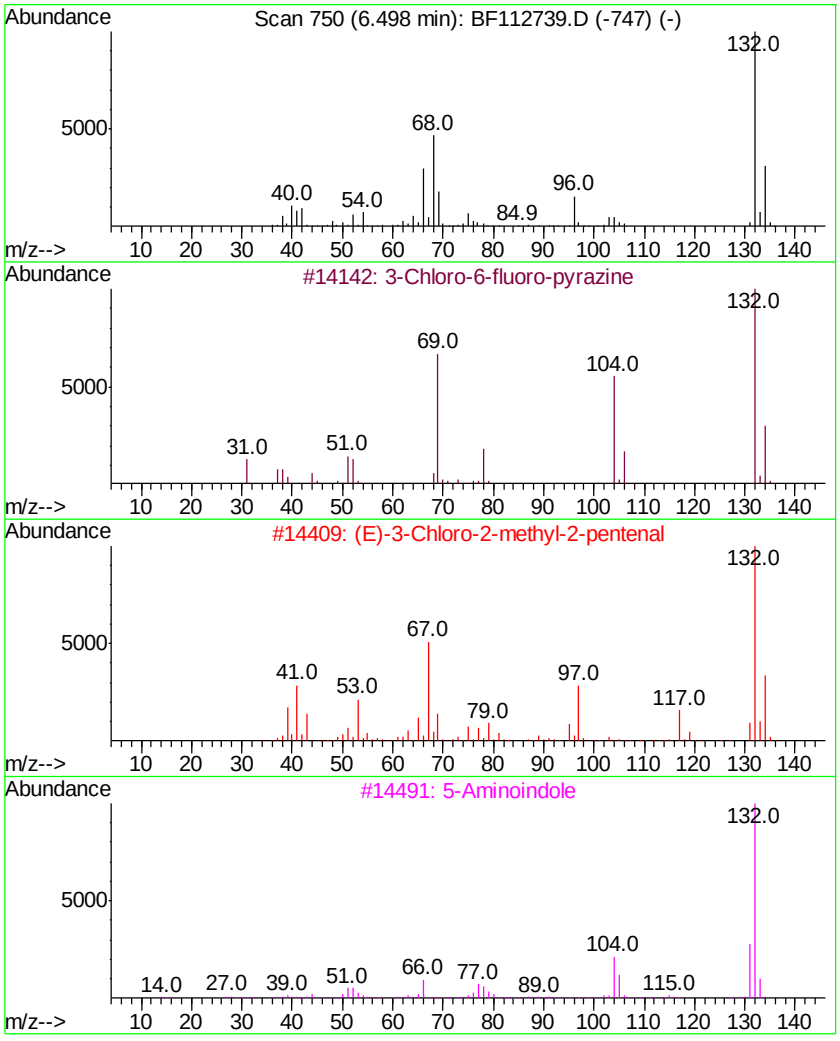
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

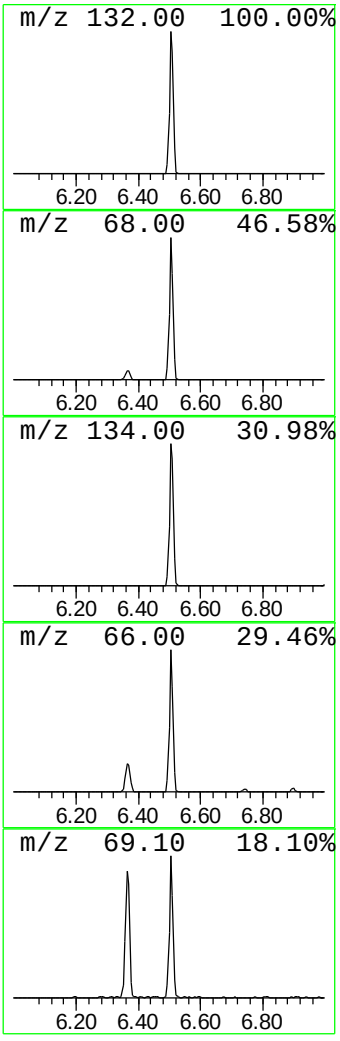
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	34.50 ng	1901600	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

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

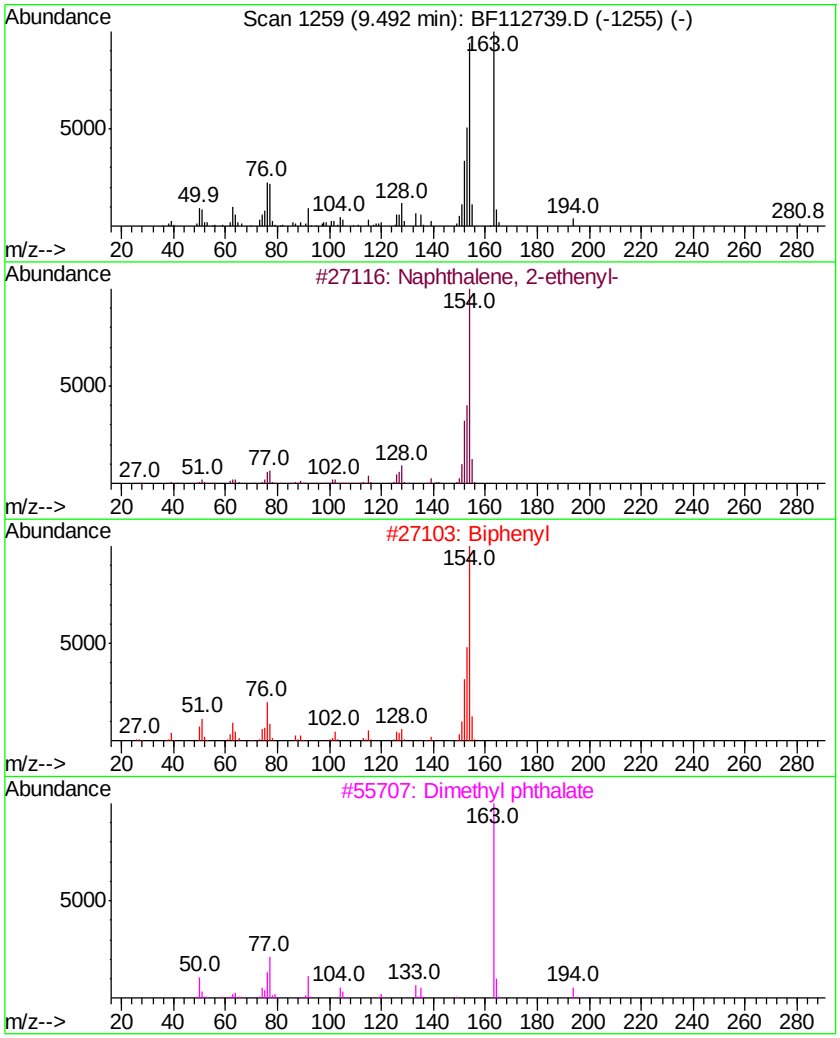
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

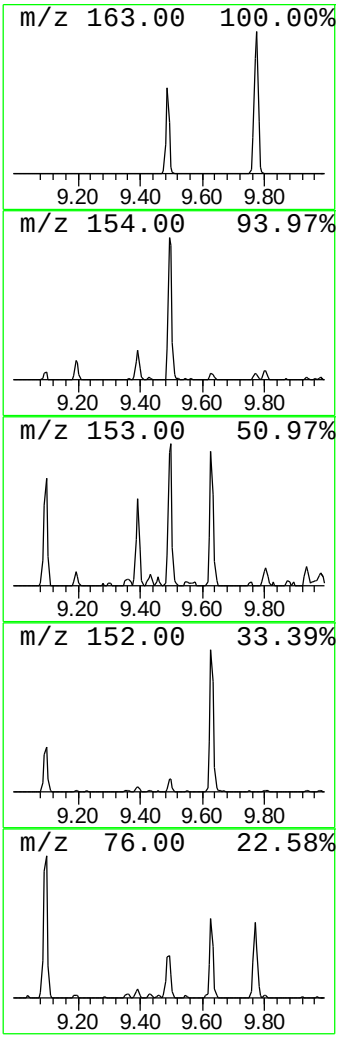
****

Peak Number 3 Naphthalene, 2-ethenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.05 ng	198006	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	90
2	Biphenyl	154	C12H10	000092-52-4	78
3	Dimethyl phthalate	194	C10H10O4	000131-11-3	70
4	Naphthalene, 1,4-bis(bromomethyl)-	312	C12H10Br2	058791-49-4	52
5	Acenaphthene	154	C12H10	000083-32-9	43





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Instrument : BNA_F
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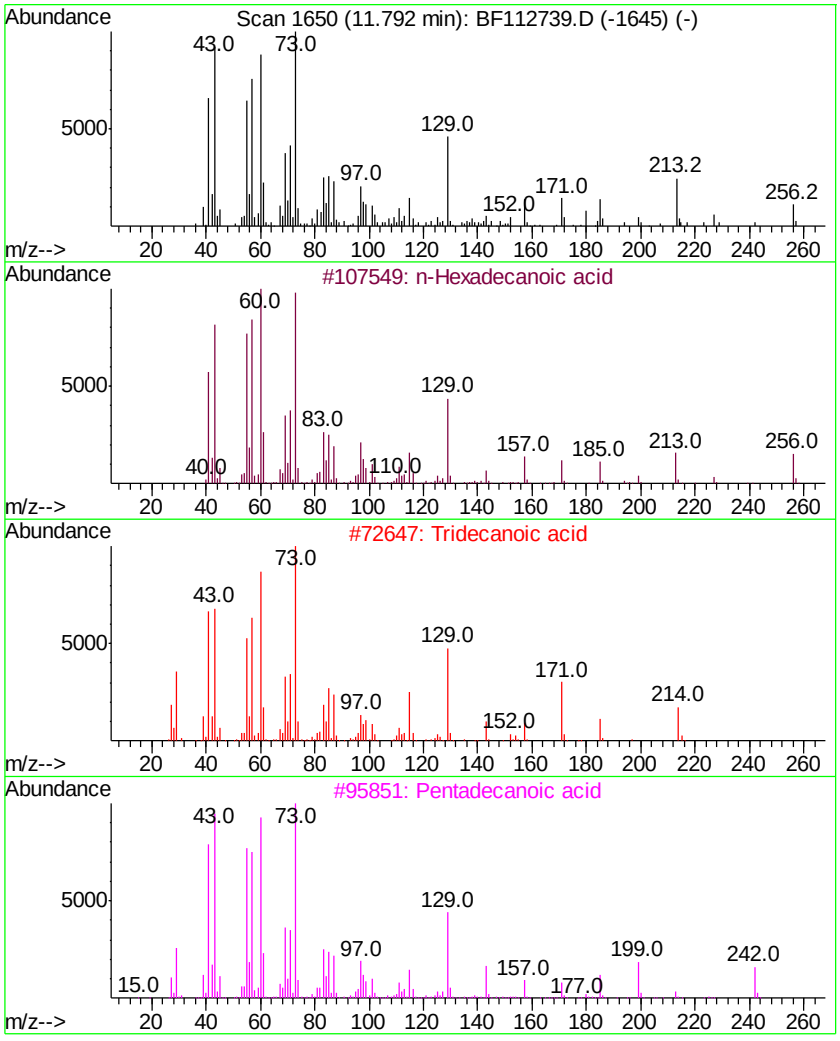
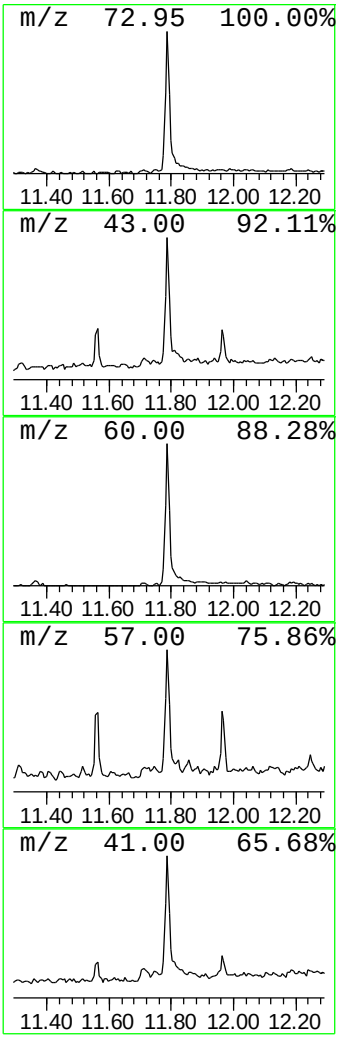
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.29 ng	370174	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30





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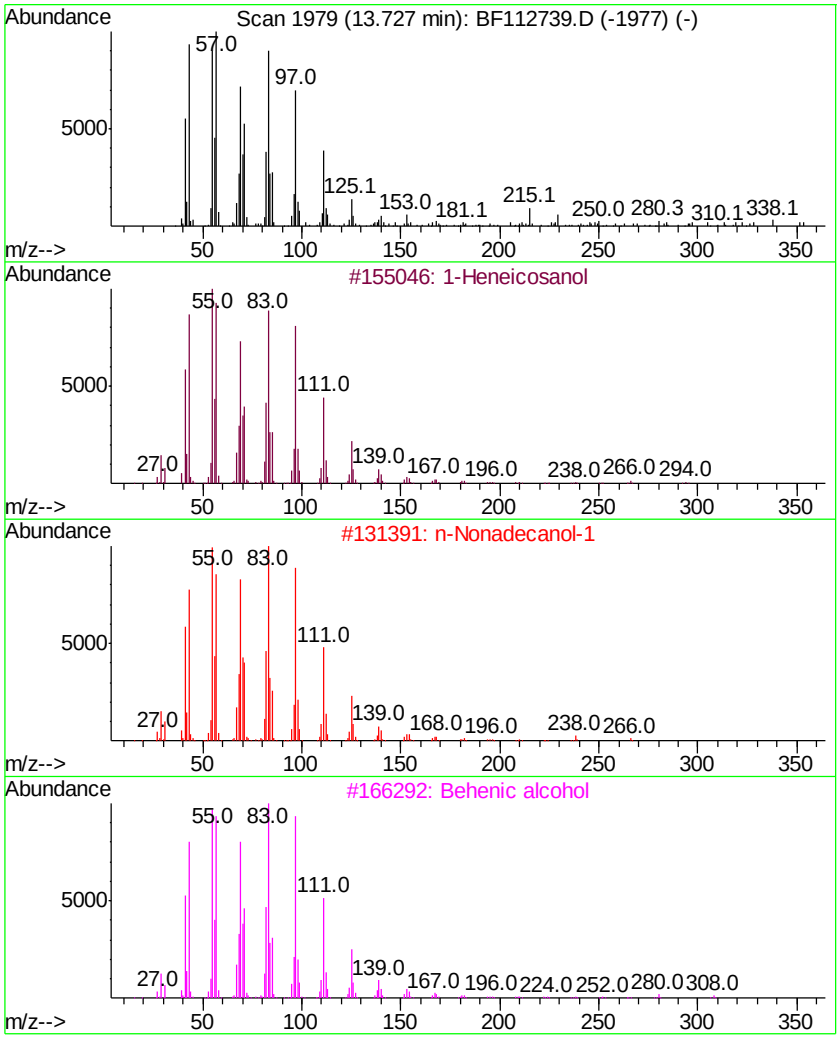
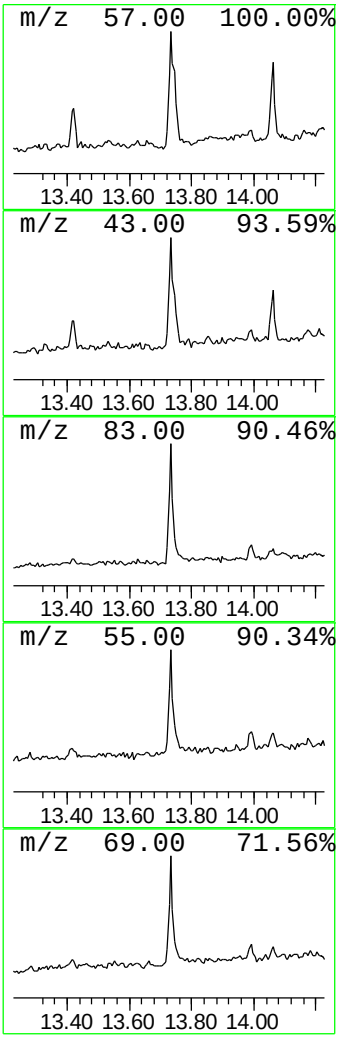
Peak Number 5 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.54 ng	314234	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





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Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

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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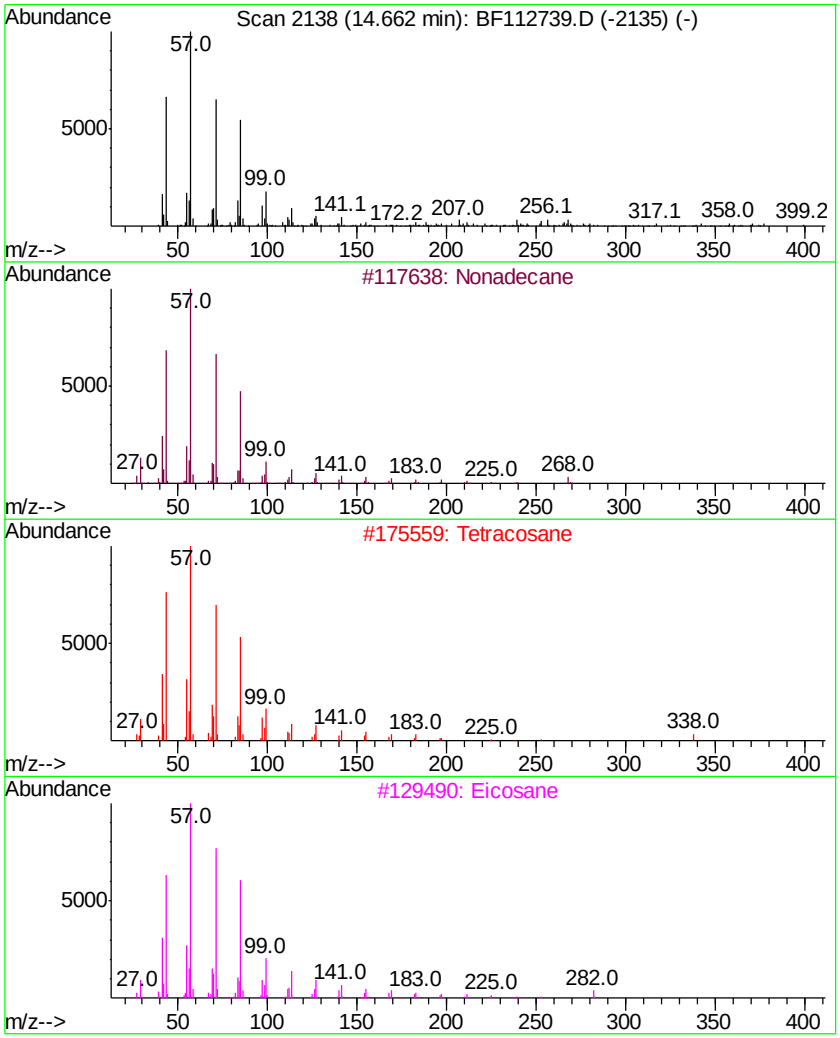
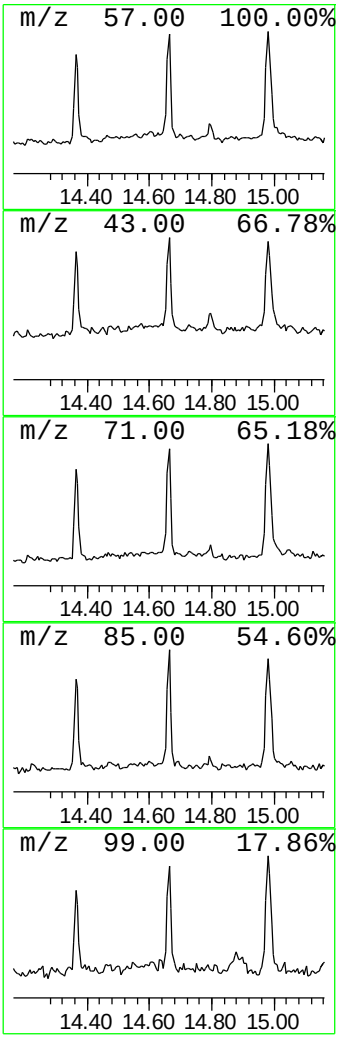
Peak Number 6 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.00 ng	176090	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Tetracosane	338	C24H50	000646-31-1	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Hexacosane	366	C26H54	000630-01-3	86
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83





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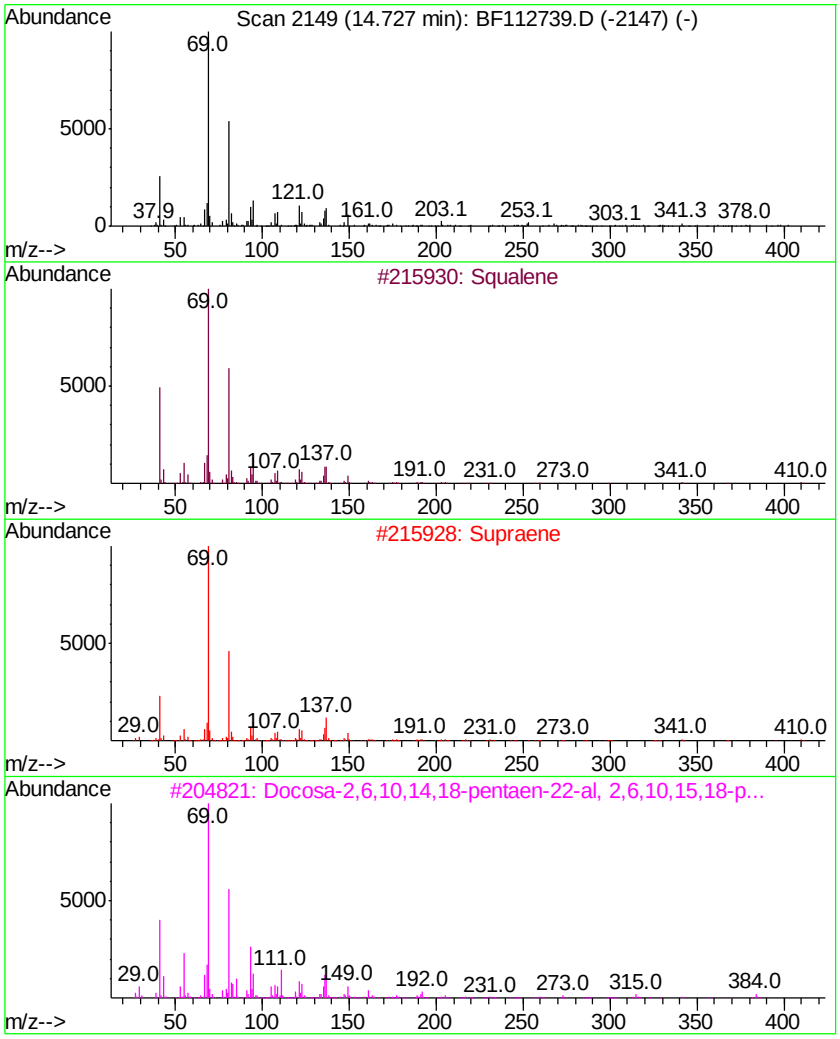
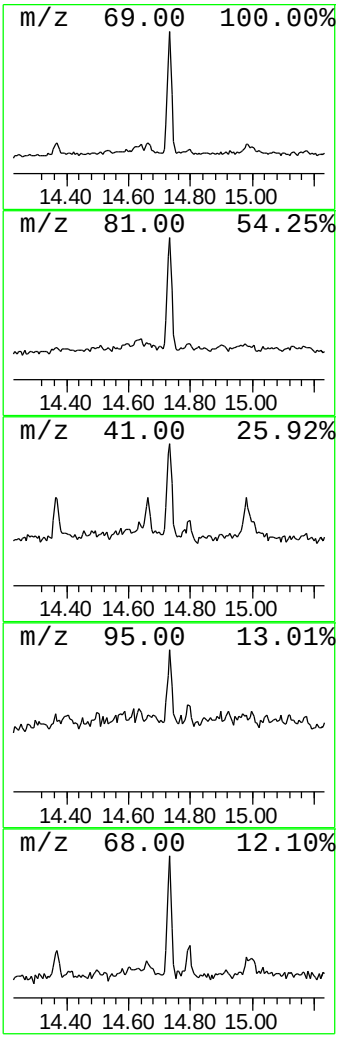
Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	5.45 ng	240200	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	83
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





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Data File : BF112739.D
Acq On : 28 Feb 2019 00:45
Operator : JU/SJ
Sample : K1627-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

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

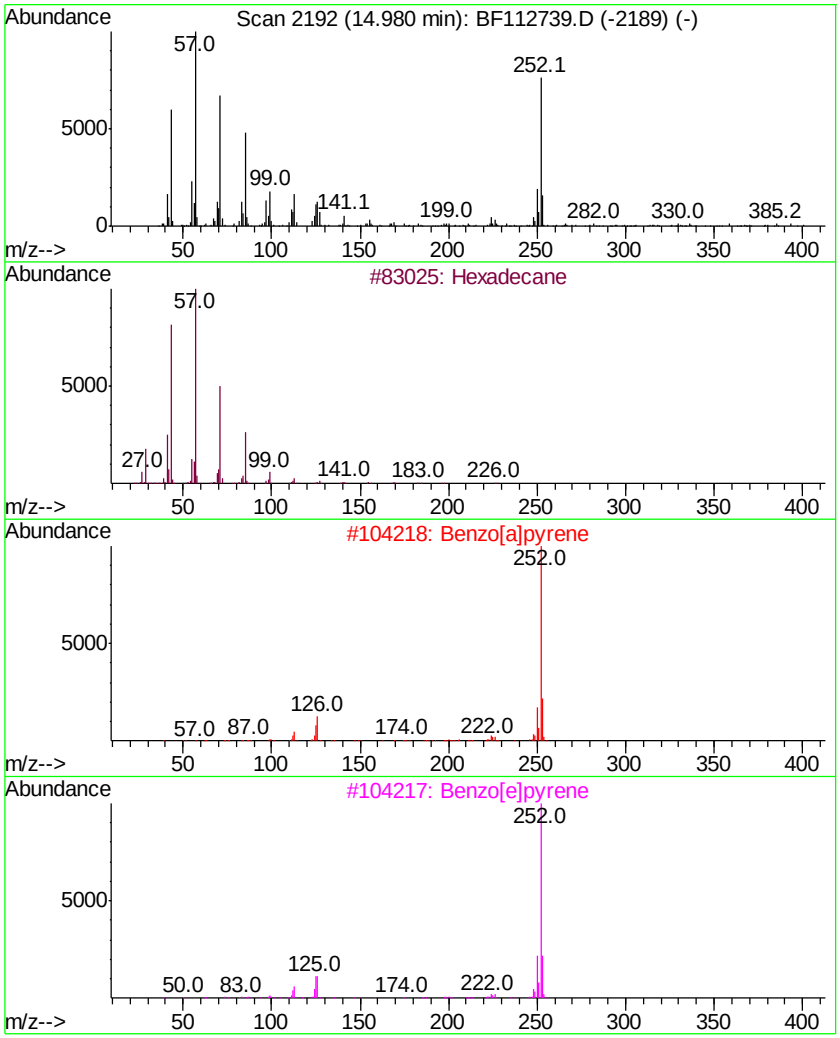
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

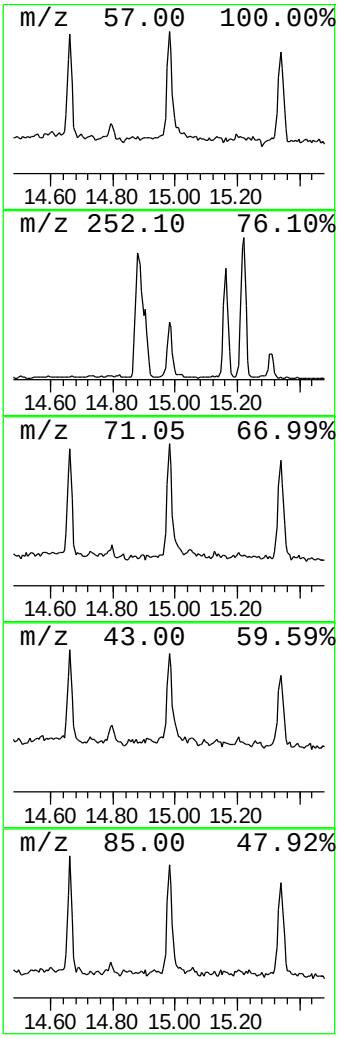
****

Peak Number 8 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	7.59 ng	334362	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	86
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	86
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112739.D
Acq On : 28 Feb 2019 00:45
Operator : JU/SJ
Sample : K1627-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

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

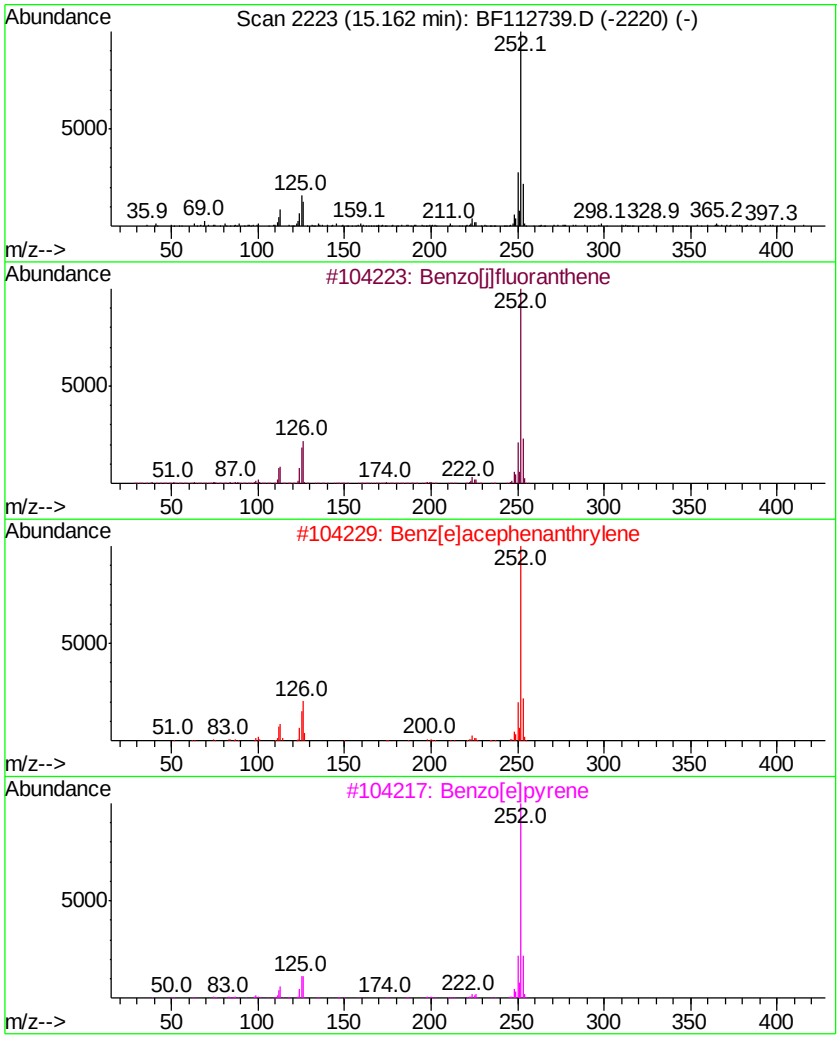
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

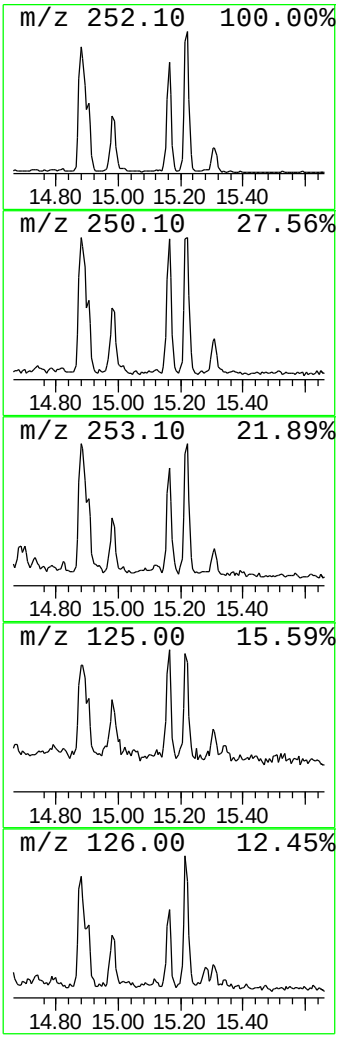
****

Peak Number 9 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.29 ng	145086	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022719\
Data File : BF112739.D
Acq On : 28 Feb 2019 00:45
Operator : JU/SJ
Sample : K1627-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(2-5)

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
unknown6.50	6.50	34.5	ng	1901600	1	6.74	1102270	20.0
Naphthalene, 2-et...	9.49	3.0	ng	198006	3	9.77	1298580	20.0
n-Hexadecanoic acid	11.79	5.3	ng	370174	4	11.24	1399770	20.0
1-Heneicosanol	13.73	3.5	ng	314234	5	13.87	1777460	20.0
Nonadecane	14.66	4.0	ng	176090	6	15.28	881054	20.0
Squalene	14.73	5.5	ng	240200	6	15.28	881054	20.0
Hexadecane	14.98	7.6	ng	334362	6	15.28	881054	20.0
Benzo[j]fluoranthene	15.16	3.3	ng	145086	6	15.28	881054	20.0