LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF042219.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	2.163	8	13	18	rVB	42819	55427	2.21%	0.206%
2	5.522	580	584	597	rBV	2114408	2015735	80.25%	7.510%
3	6.528	750	755	762	rBV	2369129	2250506	89.59%	8.384%
4	6.669	775	779	782	rBV	2562755	2173630	86.53%	8.098%
5	6.898	814	818	821	rBV	772479	601996	23.97%	2.243%
6	7.057	841	845	848	rBV	1874982	1715809	68.31%	6.392%
7	7.451	908	912	918	rBV	1314580	1303997	51.91%	4.858%
8	8.181	1030	1036	1044	rBV	815537	803912	32.00%	2.995%
9	9.251	1214	1218	1229	rBV	2643093	2511923	100.00%	9.358%
10	9.639	1282	1284	1290	rVB	225371	205942	8.20%	0.767%
11	9.798	1307	1311	1315	rBV	29317	31017	1.23%	0.116%
12	9.933	1331	1334	1338	rVV	874212	776204	30.90%	2.892%
13	9.969	1338	1340	1343	rVB2	37483	32728	1.30%	0.122%
14	10.139	1365	1369	1373	rBV	32378	34820	1.39%	0.130%
15	10.339	1399	1403	1405	rBV	88339	82902	3.30%	0.309%
16	10.480	1424	1427	1434	rVB3	32145	42614	1.70%	0.159%
17	10.722	1464	1468	1480	rBV	1624019	1616072	64.34%	6.021%
18	10.833	1483	1487	1489	rBV2	28517	35633	1.42%	0.133%
19	11.033	1515	1521	1523	rBV4	26016	33119	1.32%	0.123%
20	11.227	1551	1554	1557	rBV2	34365	37617	1.50%	0.140%
21	11.280	1558	1563	1567	rVV4	38958	58080	2.31%	0.216%
22	11.316	1567	1569	1575	rVB	42615	41412	1.65%	0.154%
23	11.422	1583	1587	1589	rBV	990233	836043	33.28%	3.115%
24	11.445	1589	1591	1594	rVV	472471	378091	15.05%	1.409%
25	11.498	1598	1600	1602	rVB	68819	48937	1.95%	0.182%
26	11.533	1602	1606	1609	rBV3	22171	39153	1.56%	0.146%
27	11.651	1621	1626	1628	rBV2	38292	45892	1.83%	0.171%
28	11.710	1633	1636	1640	rVV3	31633	36327	1.45%	0.135%
29	11.751	1640	1643	1649	rVB2	35128	39903	1.59%	0.149%
30	11.921	1669	1672	1673	rBV	63739	51249	2.04%	0.191%
31	11.945	1673	1676	1683	rVB3	256602	312514	12.44%	1.164%
32	12.033	1688	1691	1694	rVV2	99563	107107	4.26%	0.399%
33	12.057	1694	1695	1699	rVB	45795	35245	1.40%	0.131%
34	12.121	1702	1706	1710	rVB5	22637	29652	1.18%	0.110%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.216	1719	1722	1724	rBV	58331	50340	2.00%	0.188%
36	12.245	1724	1727	1733	rVB2	54691	62007	2.47%	0.231%
37	12.474	1763	1766	1769	rBV	64159	72151	2.87%	0.269%
38	12.510	1769	1772	1774	rVV2	57279	70863	2.82%	0.264%
39	12.557	1778	1780	1785	rVB	39752	44548	1.77%	0.166%
40	12.633	1790	1793	1798	rVV	610371	566801	22.56%	2.112%
41	12.727	1807	1809	1812	rBV	76341	72240	2.88%	0.269%
42	12.792	1818	1820	1823	rBV4	37716	37601	1.50%	0.140%
43	12.863	1827	1832	1838	rBV	544172	638051	25.40%	2.377%
44	13.004	1850	1856	1859	rBV	2617586	2412627	96.05%	8.988%
45	13.080	1866	1869	1873	rBV3	47817	69782	2.78%	0.260%
46	13.192	1886	1888	1891	rVB	81164	67455	2.69%	0.251%
47	13.233	1892	1895	1897	rBV2	45555	48947	1.95%	0.182%
48	13.257	1897	1899	1902	rVV	46950	49888	1.99%	0.186%
49	13.298	1903	1906	1909	rVB2	56719	60172	2.40%	0.224%
50	13.574	1950	1953	1954	rBV2	98834	93882	3.74%	0.350%
51	13.698	1972	1974	1978	rVB	71456	72137	2.87%	0.269%
52	13.810	1990	1993	1996	rBV2	93343	133572	5.32%	0.498%
53	13.910	2007	2010	2015	rBV4	167525	286360	11.40%	1.067%
54	14.063	2029	2036	2039	rBV2	1057459	1300212	51.76%	4.844%
55	14.086	2039	2040	2046	rVB	324304	245029	9.75%	0.913%
56	14.486	2106	2108	2109	rBV	88869	48199	1.92%	0.180%
57	14.521	2112	2114	2117	rBV2	157761	160661	6.40%	0.599%
58	14.627	2130	2132	2134	rBV3	90829	106231	4.23%	0.396%
59	14.915	2178	2181	2184	rBV	252330	223135	8.88%	0.831%
60	15.115	2212	2215	2218	rBV	197876	273086	10.87%	1.017%
61	15.421	2265	2267	2274	rVB	150999	182739	7.27%	0.681%
62	15.486	2275	2278	2284	rVV	149766	216451	8.62%	0.806%
63	15.551	2285	2289	2301	rVB	429817	755302	30.07%	2.814%

Sum of corrected areas: 26841677

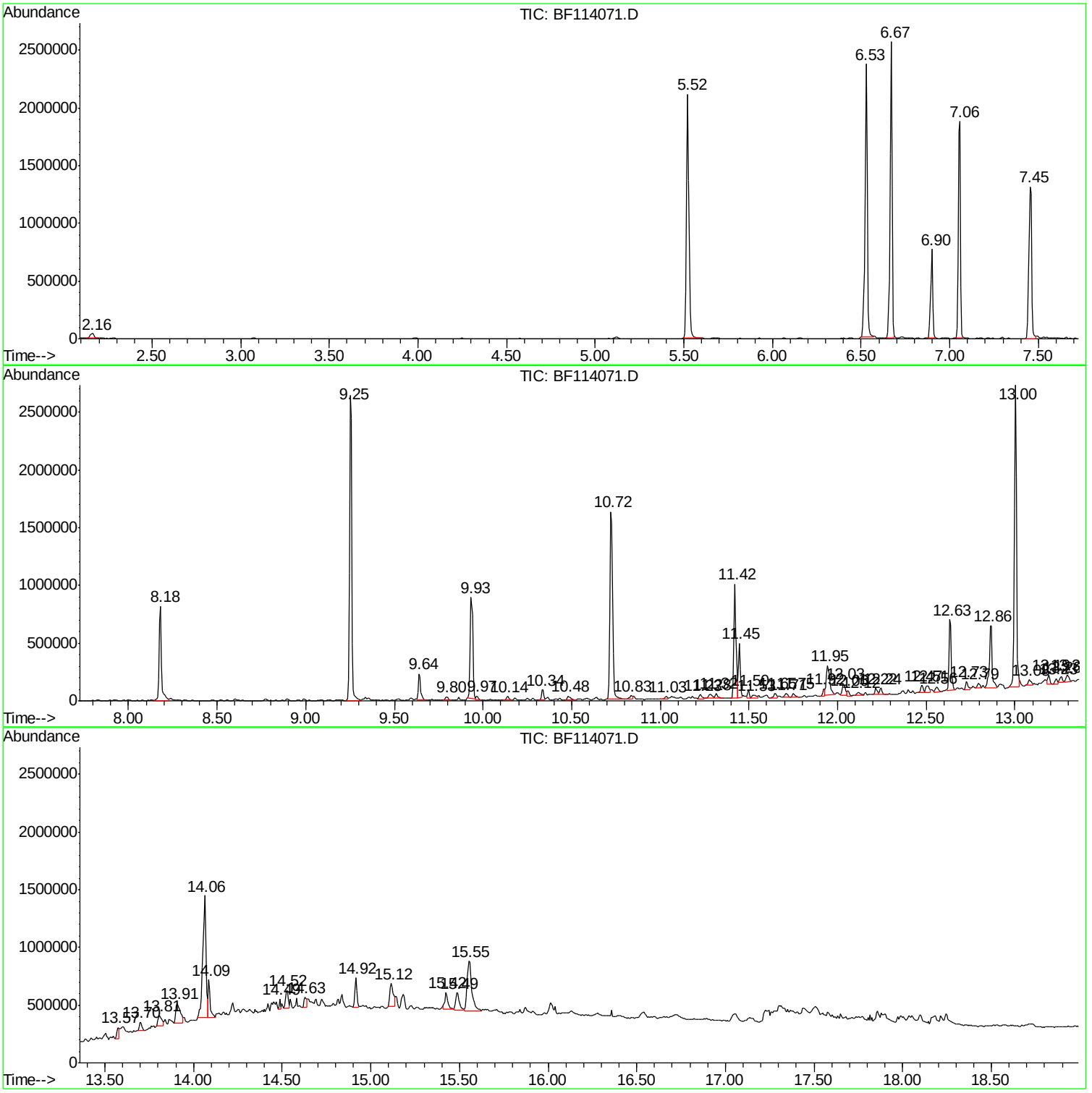
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

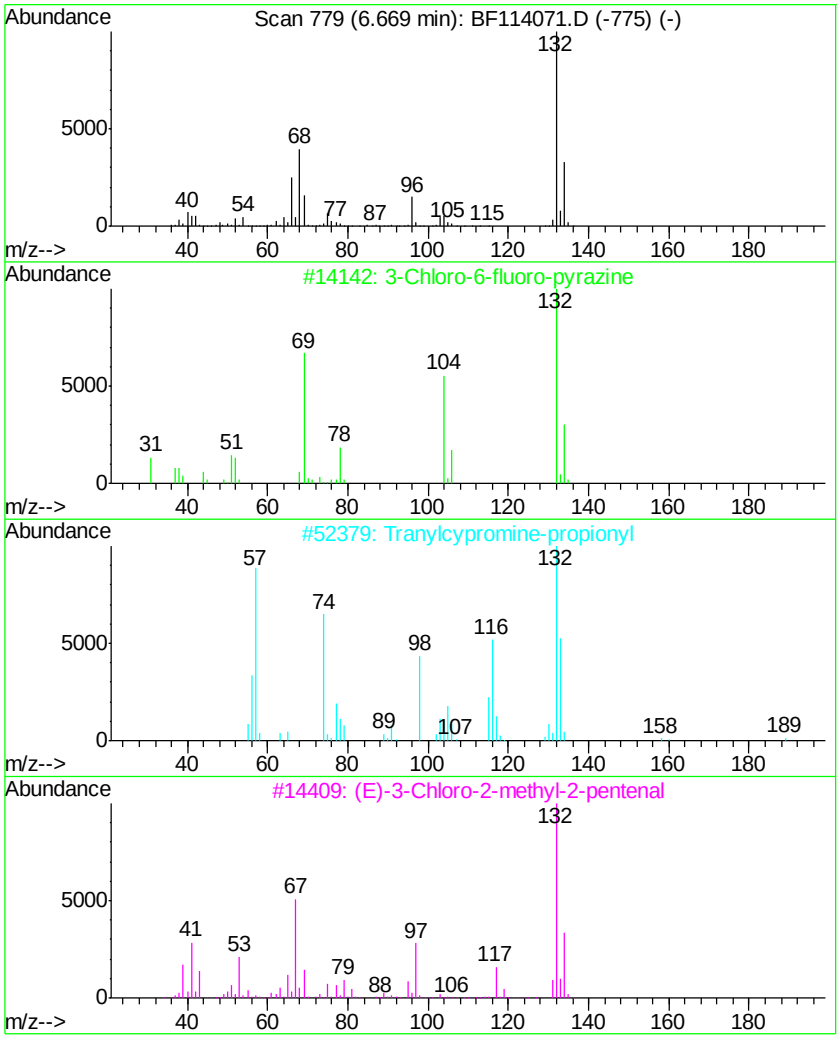
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

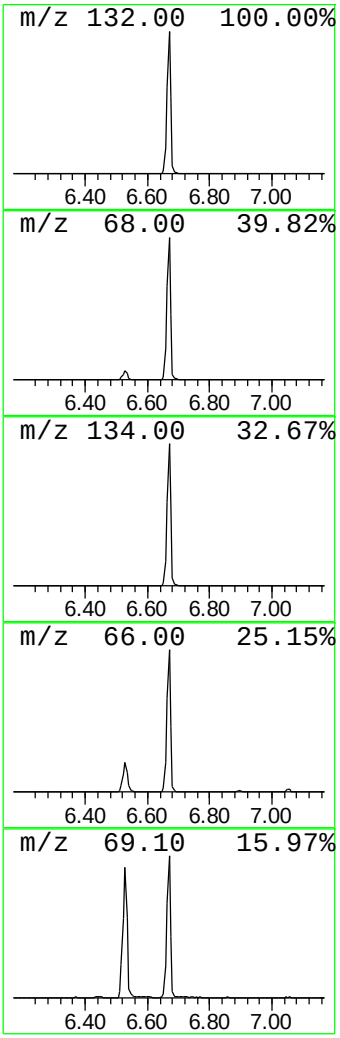
****

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	72.21 ng	2173630	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

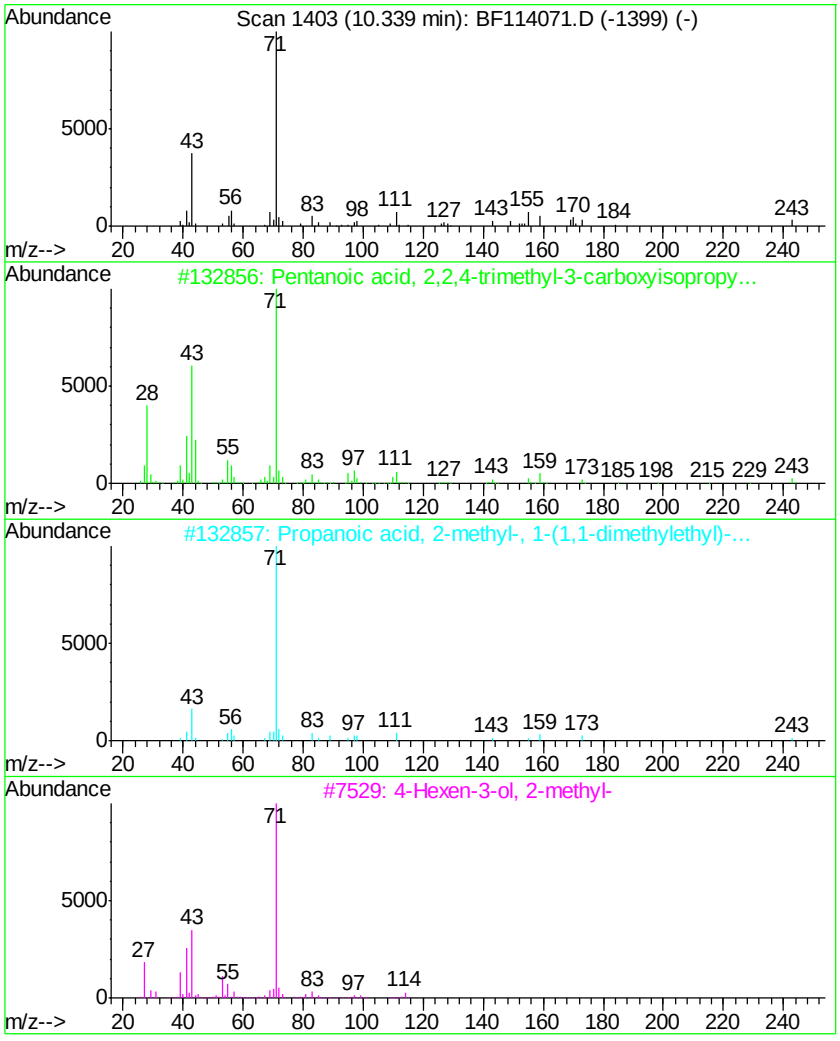
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

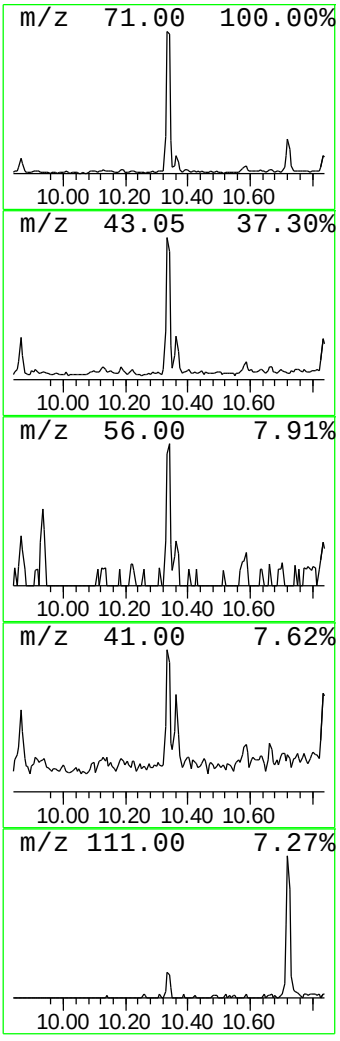
****

Peak Number 3 Pentanoic acid, 2,2,4-trime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.14 ng	82902	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	78
2	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	78
3	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	53
4	2,5-Dimethylcyclohexanol	128	C8H16O	003809-32-3	53
5	Cyclohexanol, 2,2-dichloro-1-met...	182	C7H12Cl2O	1000115-65-2	50





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

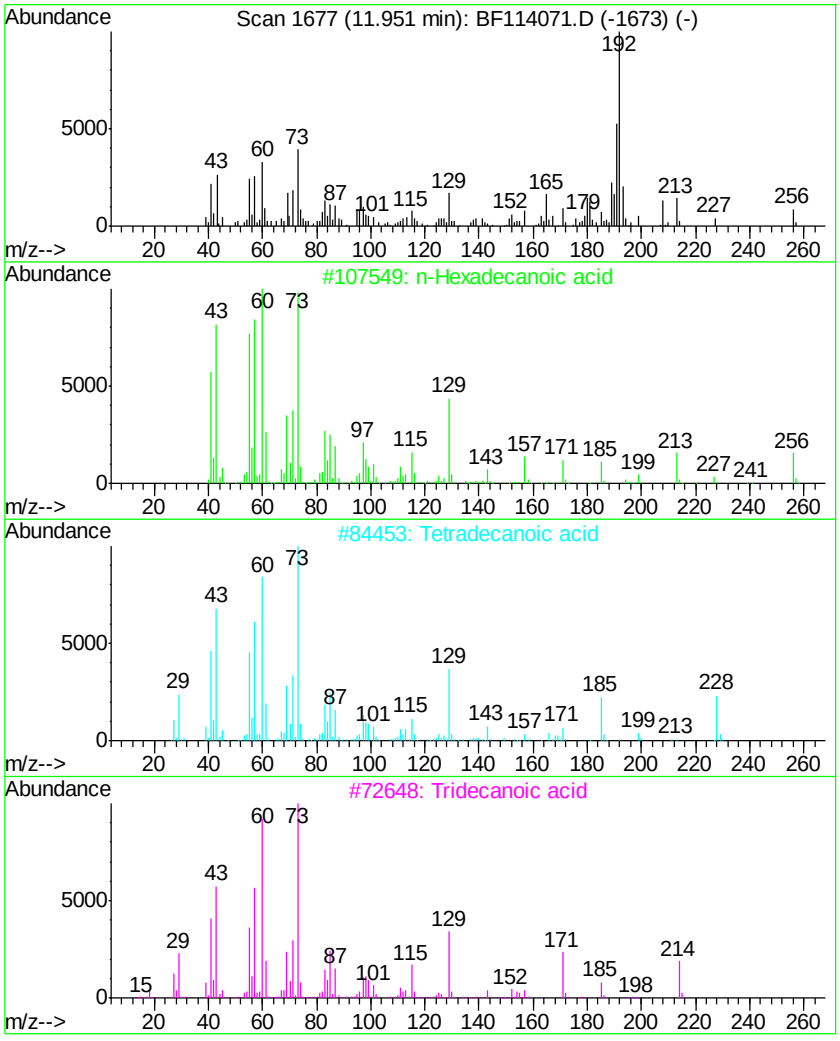
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

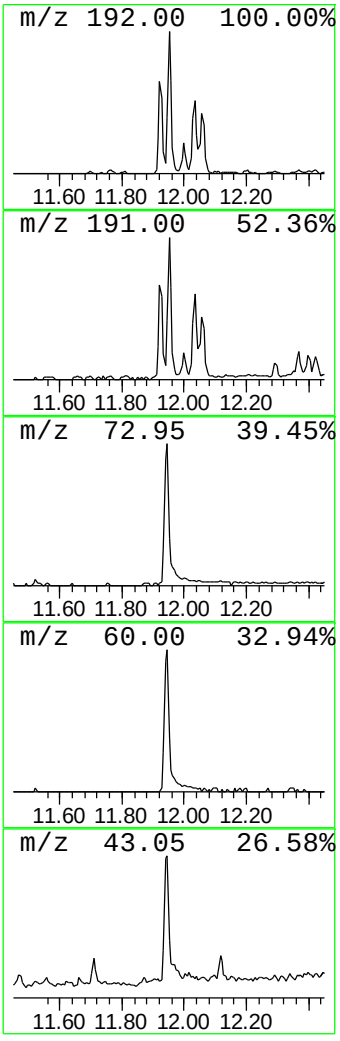
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.48 ng	312514	Phenanthrene-d10	11.42

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

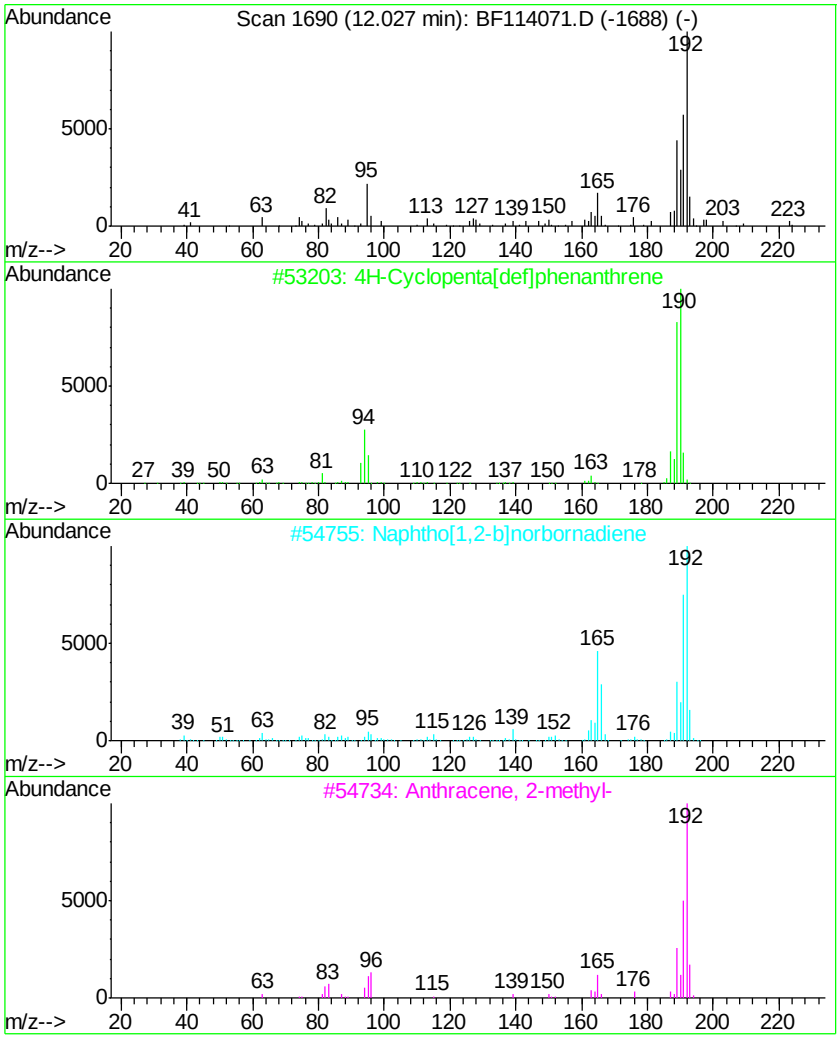
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

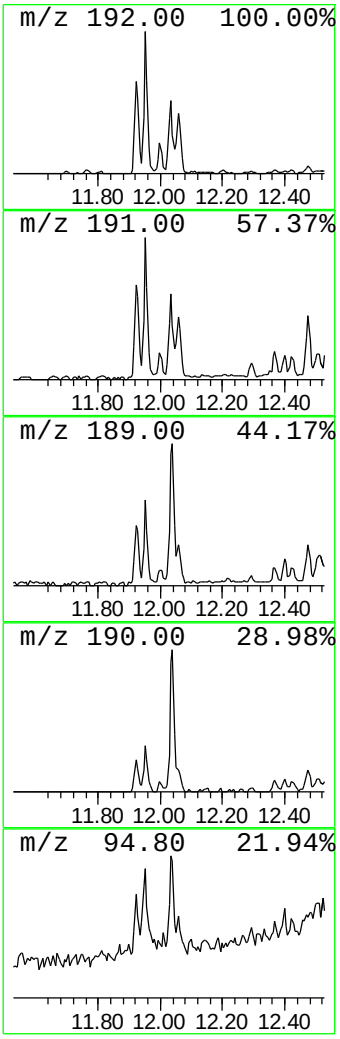
****

Peak Number 5 unknown12.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.56 ng	107107	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

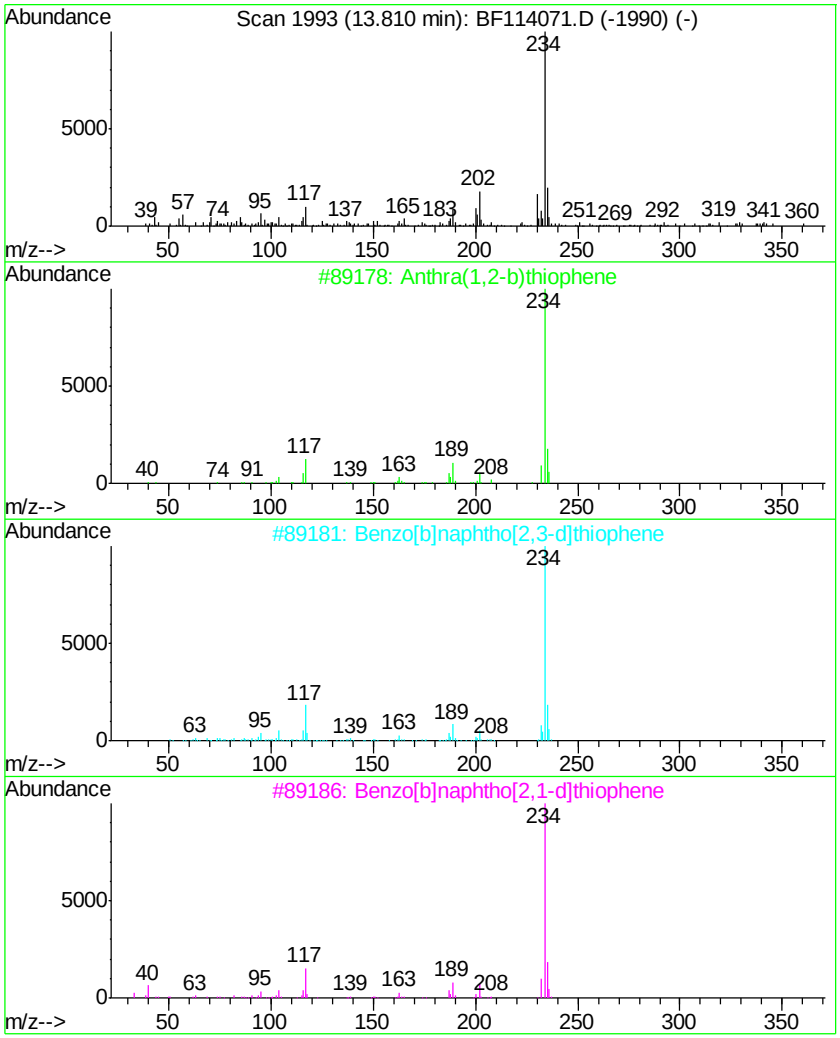
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

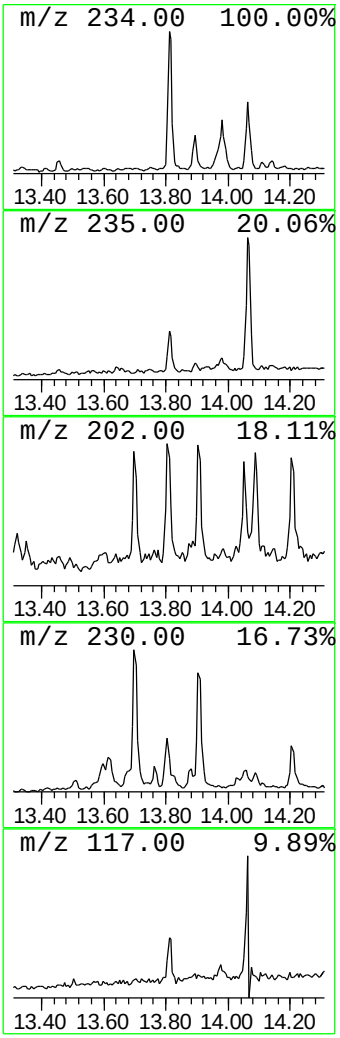
****

Peak Number 6 Anthra(1,2-b)thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.05 ng	133572	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

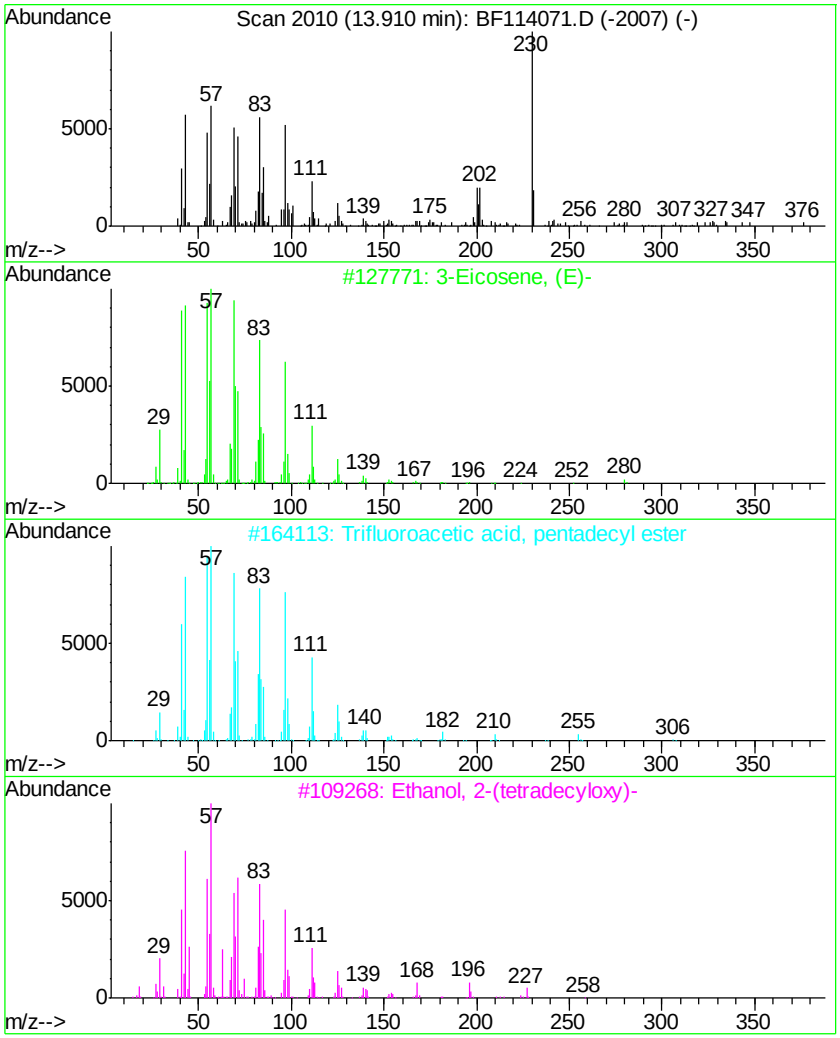
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

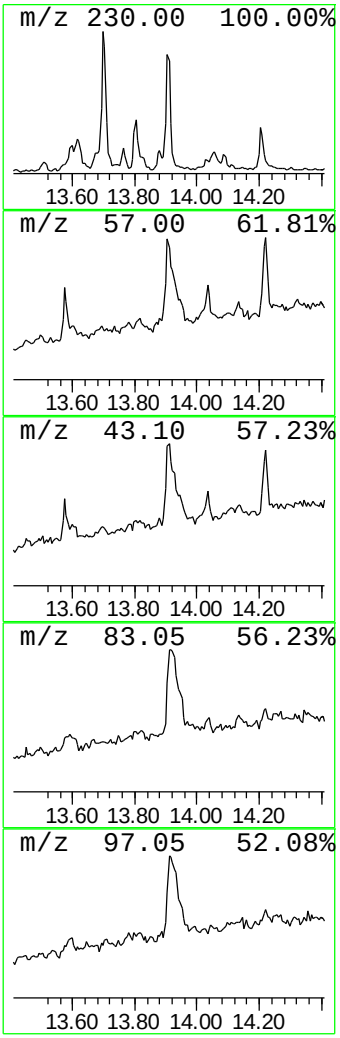
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.40 ng	286360	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	60
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	46
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	42
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	41
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	41





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

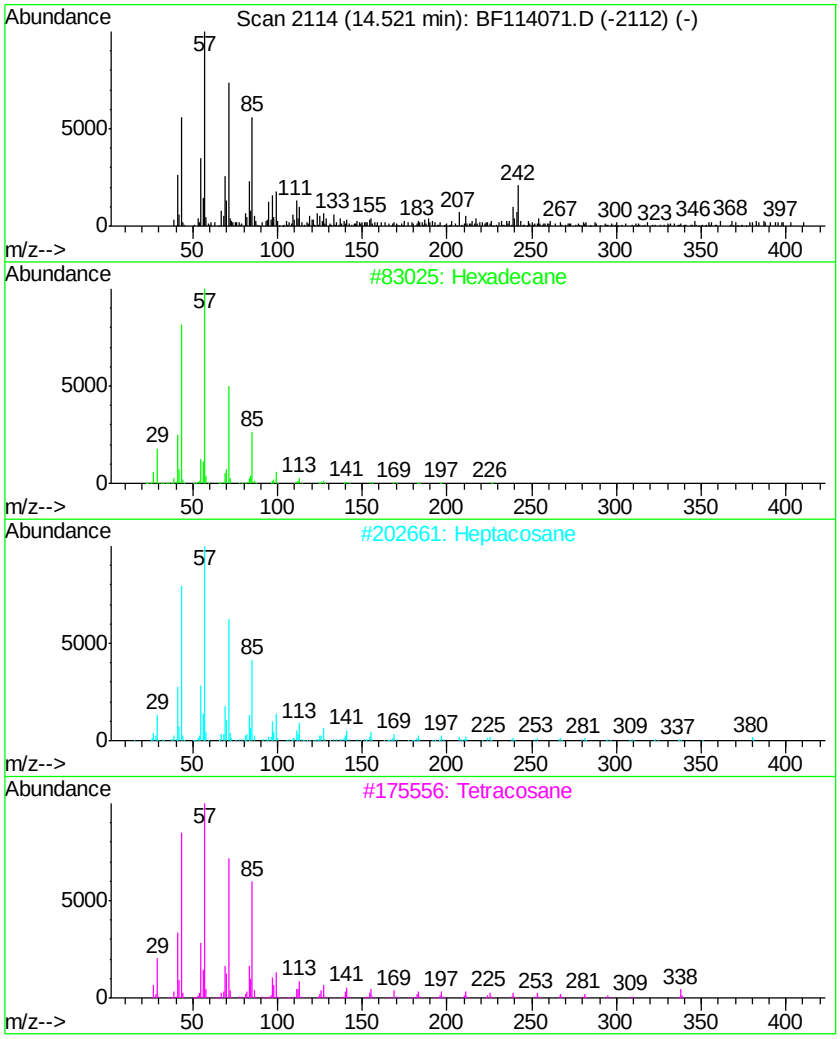
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

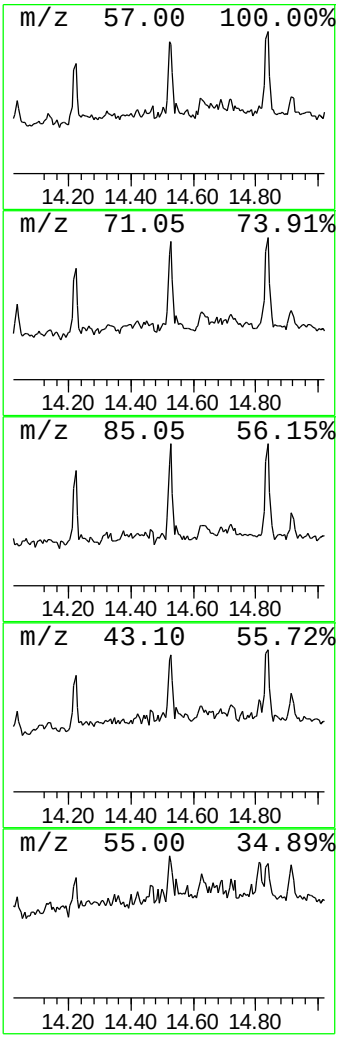
****

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.47 ng	160661	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptacosane	380	C27H56	000593-49-7	93
3	Tetracosane	338	C24H50	000646-31-1	92
4	Heptadecane	240	C17H36	000629-78-7	89
5	Eicosane	282	C20H42	000112-95-8	86





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

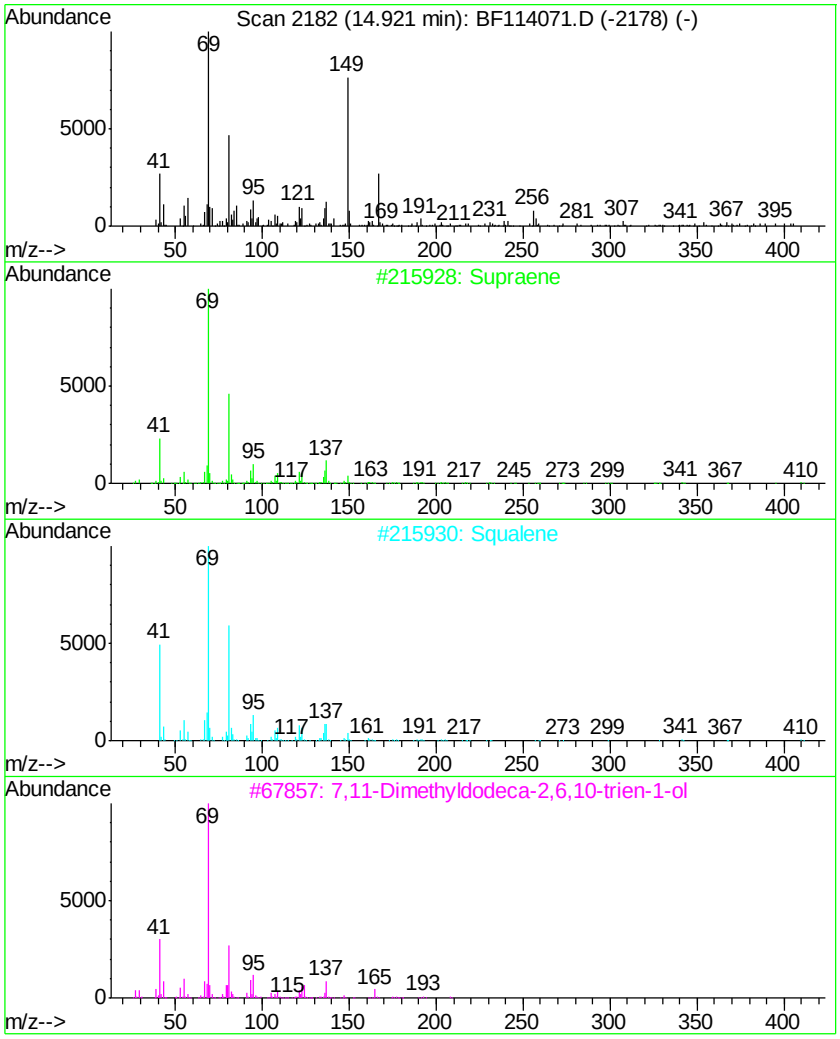
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

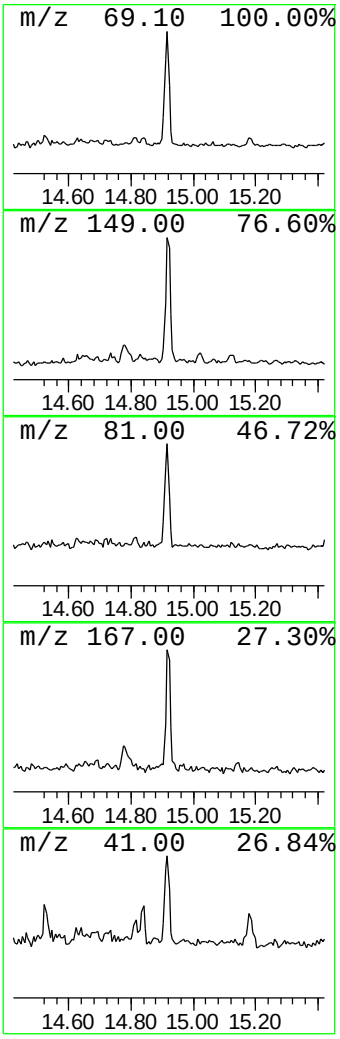
****

Peak Number 9 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.91 ng	223135	Perylene-d12	15.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	98
2	Squalene	410	C30H50	000111-02-4	86
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	47
4	Bis(3-methylbut-3-enyl) phthalate	302	C18H22O4	022711-53-1	43
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.67	6.67	72.2	ng	2173630	1	6.90	601996	20.0
Pentanoic acid, 2...	10.34	2.1	ng	82902	3	9.93	776204	20.0
n-Hexadecanoic acid	11.95	7.5	ng	312514	4	11.42	836043	20.0
unknown12.03	12.03	2.6	ng	107107	4	11.42	836043	20.0
Anthra(1,2-b)thio...	13.81	2.0	ng	133572	5	14.06	1300210	20.0
3-Eicosene, (E)-	13.91	4.4	ng	286360	5	14.06	1300210	20.0
Hexadecane	14.52	2.5	ng	160661	5	14.06	1300210	20.0
Supraene	14.92	5.9	ng	223135	6	15.55	755302	20.0