LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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	5.351	550	555	558	rBV	3164748	2993052	89.48%	5.958%
2	6.022	666	669	673	rBV	556568	527906	15.78%	1.051%
3	6.192	692	698	701	rBV	274153	244392	7.31%	0.487%
4	6.375	724	729	732	rBV	3144609	3280840	98.08%	6.531%
5	6.445	738	741	745	rVB	907381	799298	23.90%	1.591%
6	6.510	747	752	755	rBV	3613561	3344903	100.00%	6.659%
7	6.698	782	784	787	rVB	86282	75210	2.25%	0.150%
8	6.739	787	791	794	rBV	1194918	929123	27.78%	1.850%
9	6.863	809	812	814	rBV	145920	108247	3.24%	0.215%
10	6.898	814	818	821	rVV	2872037	2527898	75.57%	5.032%
11	7.298	881	886	889	rBV	2194490	1980815	59.22%	3.943%
12	8.022	1005	1009	1027	rBV	1156155	1143596	34.19%	2.277%
13	8.598	1104	1107	1110	rBV	95509	74536	2.23%	0.148%
14	9.098	1187	1192	1200	rBV	3257117	3193401	95.47%	6.357%
15	9.157	1200	1202	1207	rVV4	55714	84193	2.52%	0.168%
16	9.222	1210	1213	1215	rVV2	60346	61803	1.85%	0.123%
17	9.245	1215	1217	1223	rVB2	46612	47267	1.41%	0.094%
18	9.439	1247	1250	1252	rBV	68855	62549	1.87%	0.125%
19	9.486	1252	1258	1263	rVV	249769	315383	9.43%	0.628%
20	9.533	1263	1266	1271	rVB	213233	187482	5.61%	0.373%
21	9.769	1300	1306	1310	rBV	1228352	1432402	42.82%	2.851%
22	9.804	1310	1312	1315	rVB	61650	54703	1.64%	0.109%
23	9.910	1325	1330	1336	rVB5	41500	56469	1.69%	0.112%
24	10.039	1350	1352	1356	rBV	127853	122939	3.68%	0.245%
25	10.316	1396	1399	1405	rVB2	48552	55747	1.67%	0.111%
26	10.557	1435	1440	1450	rBV	2201488	2158408	64.53%	4.297%
27	10.627	1450	1452	1456	rVB	49612	45201	1.35%	0.090%
28	11.210	1546	1551	1554	rBV5	31493	45780	1.37%	0.091%
29	11.251	1554	1558	1560	rVV	1175660	1134256	33.91%	2.258%
30	11.269	1560	1561	1566	rVV	243873	216119	6.46%	0.430%
31	11.322	1568	1570	1575	rVB	42295	45421	1.36%	0.090%
32	11.480	1592	1597	1604	rBV2	23316	38239	1.14%	0.076%
33	11.786	1645	1649	1659	rBV2	546248	622836	18.62%	1.240%
34	11.863	1659	1662	1664	rVV2	58862	71269	2.13%	0.142%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

35	11.880	1664	1665	1671	rVB	40793	35183	1.05%	0.070%
36	12.298	1732	1736	1739	rBV2	45208	48751	1.46%	0.097%
37	12.457	1759	1763	1767	rBV	301213	283578	8.48%	0.565%
38	12.569	1779	1782	1793	rBV3	198342	274551	8.21%	0.547%
39	12.680	1796	1801	1805	rBV	261251	282407	8.44%	0.562%
40	12.833	1823	1827	1830	rBV	2996520	2818675	84.27%	5.611%
41	12.904	1834	1839	1843	rBV4	35276	56080	1.68%	0.112%
42	13.010	1855	1857	1861	rVB	44697	43381	1.30%	0.086%
43	13.051	1861	1864	1866	rBV3	36140	41470	1.24%	0.083%
44	13.116	1871	1875	1882	rVB3	52454	70961	2.12%	0.141%
45	13.416	1923	1926	1929	rVB	71853	57177	1.71%	0.114%
46	13.515	1939	1943	1948	rBV2	46762	75704	2.26%	0.151%
47	13.621	1958	1961	1965	rBV2	31910	48329	1.44%	0.096%
48	13.733	1976	1980	1988	rBV3	412665	564935	16.89%	1.125%
49	13.815	1991	1994	1998	rBV	92864	87462	2.61%	0.174%
50	13.874	1999	2004	2007	rBV	1328541	1426564	42.65%	2.840%
51	13.898	2007	2008	2014	rVB	136509	129809	3.88%	0.258%
52	13.963	2015	2019	2020	rBV3	33645	45827	1.37%	0.091%
53	14.057	2032	2035	2043	rBV3	364425	519566	15.53%	1.034%
54	14.127	2044	2047	2053	rVB6	70885	91070	2.72%	0.181%
55	14.298	2070	2076	2080	rBV2	1457455	1454369	43.48%	2.895%
56	14.333	2080	2082	2084	rVV2	180483	159858	4.78%	0.318%
57	14.363	2084	2087	2090	rVV3	1484182	1723060	51.51%	3.430%
58	14.415	2093	2096	2099	rVV	1156691	1072851	32.07%	2.136%
59	14.445	2099	2101	2103	rVV2	268244	318869	9.53%	0.635%
60	14.468	2103	2105	2109	rVV	555735	503487	15.05%	1.002%
61	14.515	2109	2113	2117	rVB	428959	423919	12.67%	0.844%
62	14.604	2124	2128	2131	rBV	1036199	1027282	30.71%	2.045%
63	14.657	2133	2137	2143	rVB2	824117	956446	28.59%	1.904%
64	14.710	2143	2146	2148	rBV	183295	171148	5.12%	0.341%
65	14.739	2149	2151	2153	rVB	108100	86410	2.58%	0.172%
66	14.786	2153	2159	2163	rBV3	654432	1082672	32.37%	2.155%
67	14.833	2163	2167	2173	rVB4	1552997	2156722	64.48%	4.293%
68	14.904	2176	2179	2184	rVB	366494	466151	13.94%	0.928%
69	14.957	2184	2188	2189	rBV	261219	276643	8.27%	0.551%
70	14.980	2189	2192	2194	rBV	549665	540757	16.17%	1.076%
71	15.157	2219	2222	2227	rBV2	187533	236287	7.06%	0.470%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

72	15.286	2240	2244	2248	rBV	748099	907724	27.14%	1.807%
73	15.333	2248	2252	2257	rVB	522637	645036	19.28%	1.284%
74	15.739	2317	2321	2326	rBV	401741	559568	16.73%	1.114%
75	15.786	2326	2329	2334	rBV2	76865	129349	3.87%	0.257%
76	16.215	2397	2402	2411	rVB2	145920	252307	7.54%	0.502%

Sum of corrected areas: 50234078

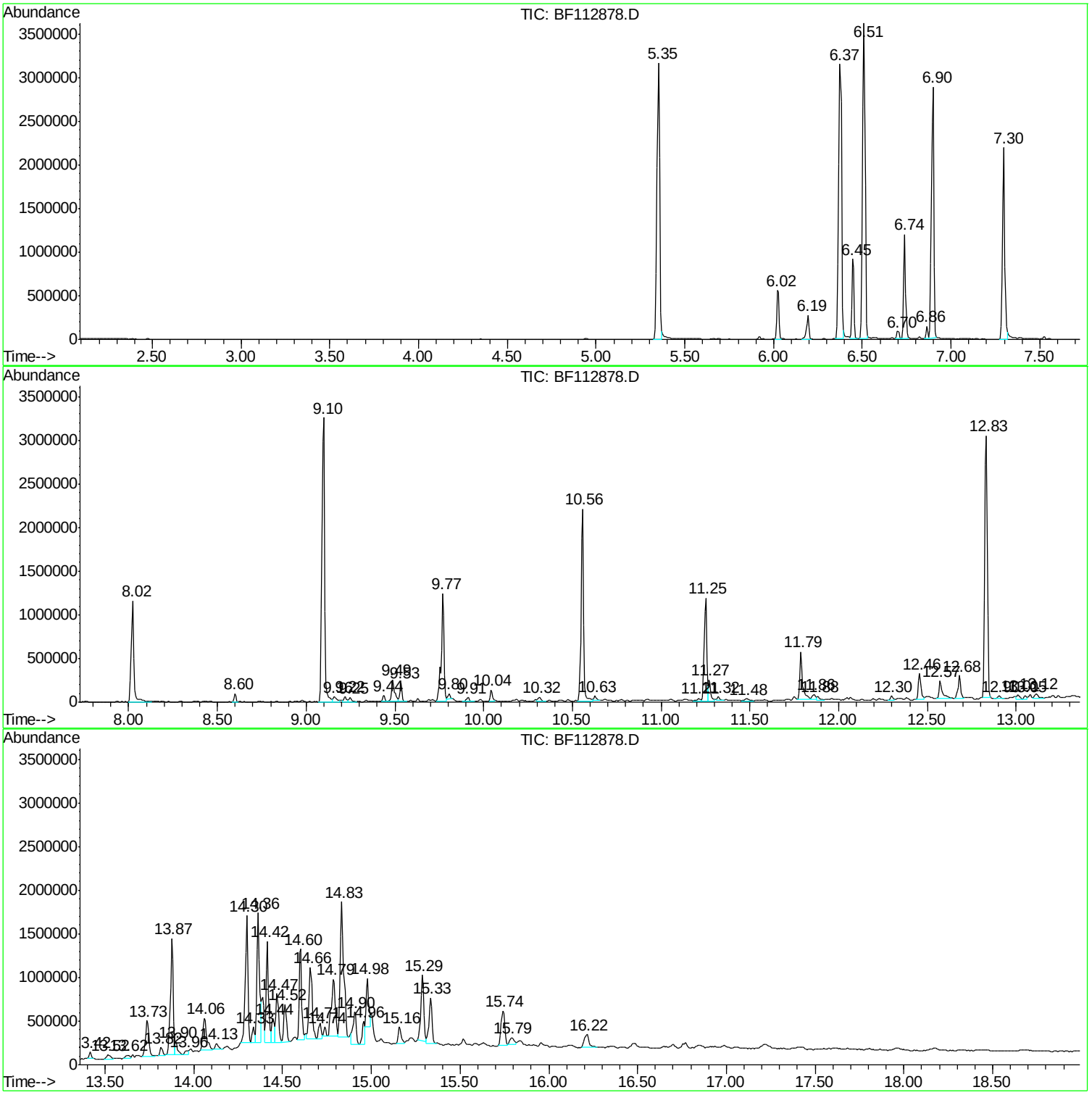
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

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\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

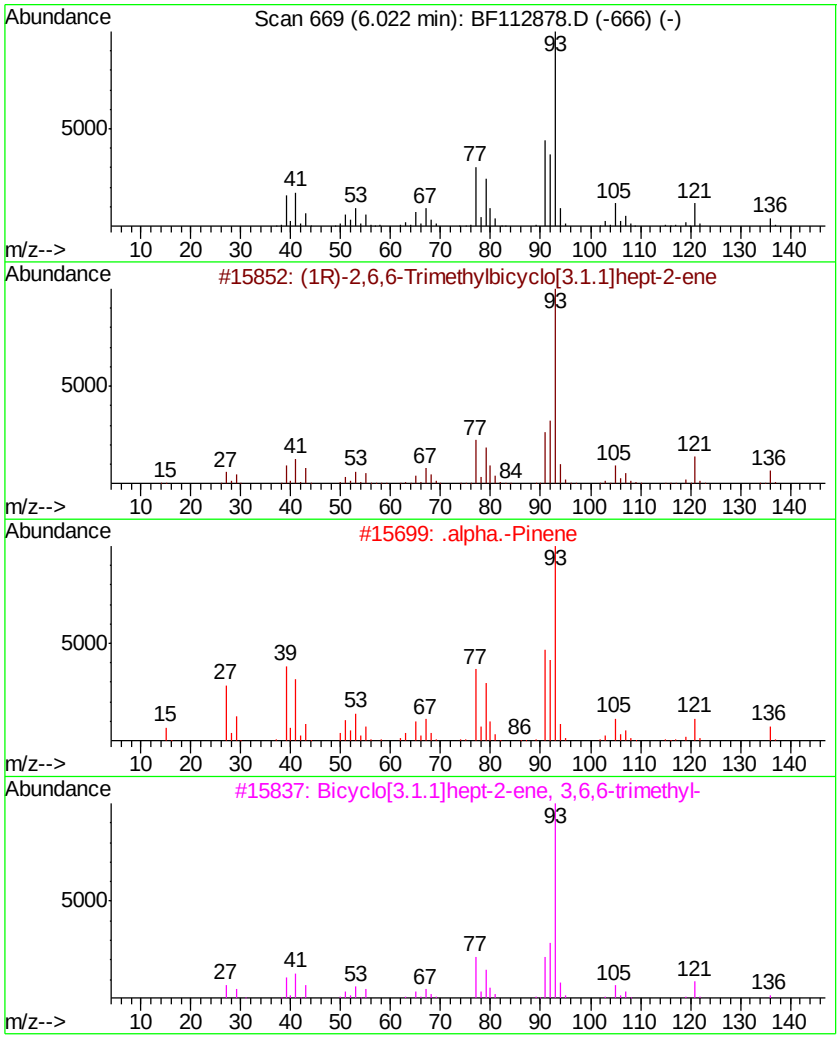
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

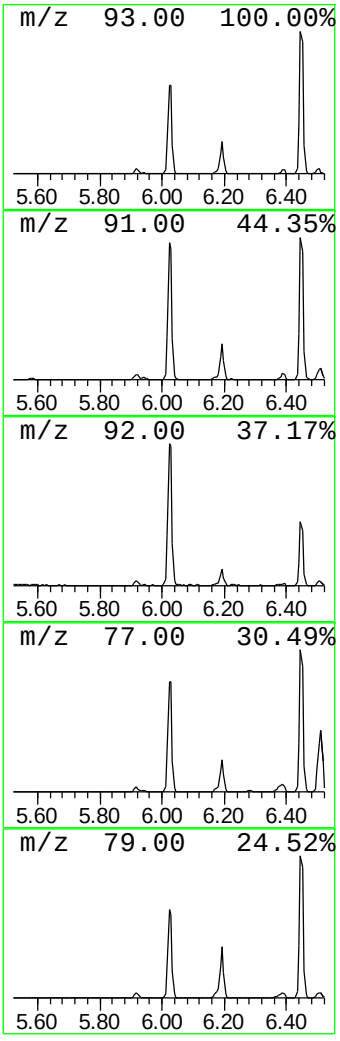
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	11.36 ng	527906	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	3-Carene	136	C10H16	013466-78-9	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

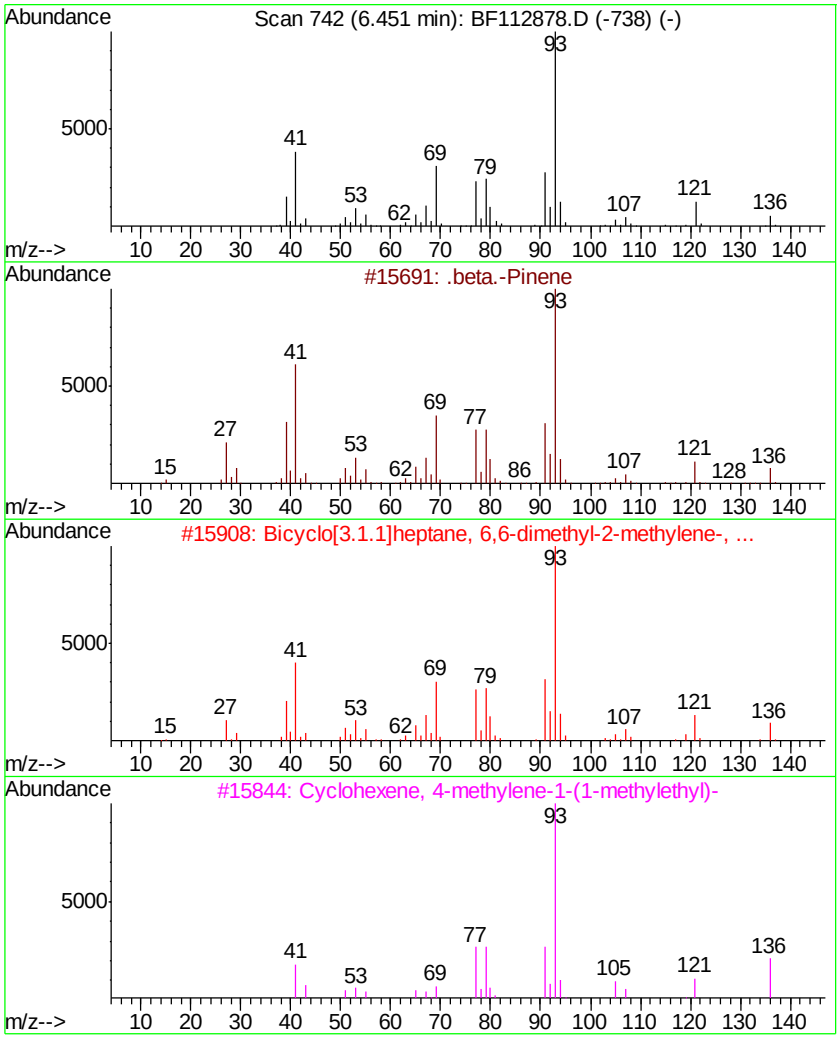
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

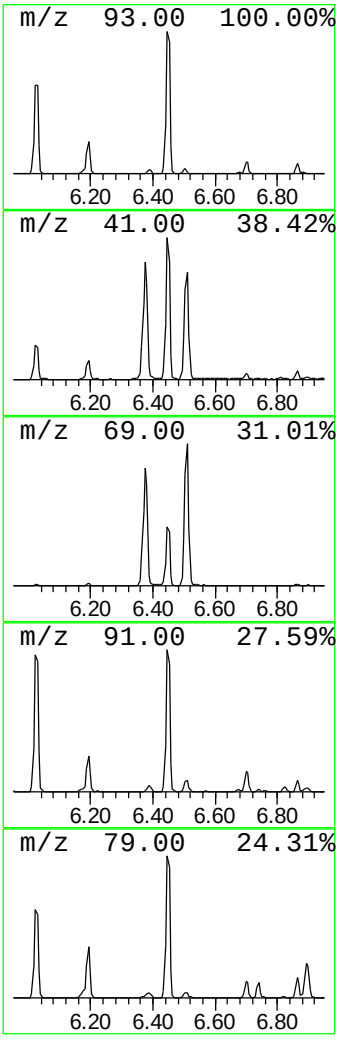
****

Peak Number 2 .beta.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	17.21 ng	799298	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	94
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

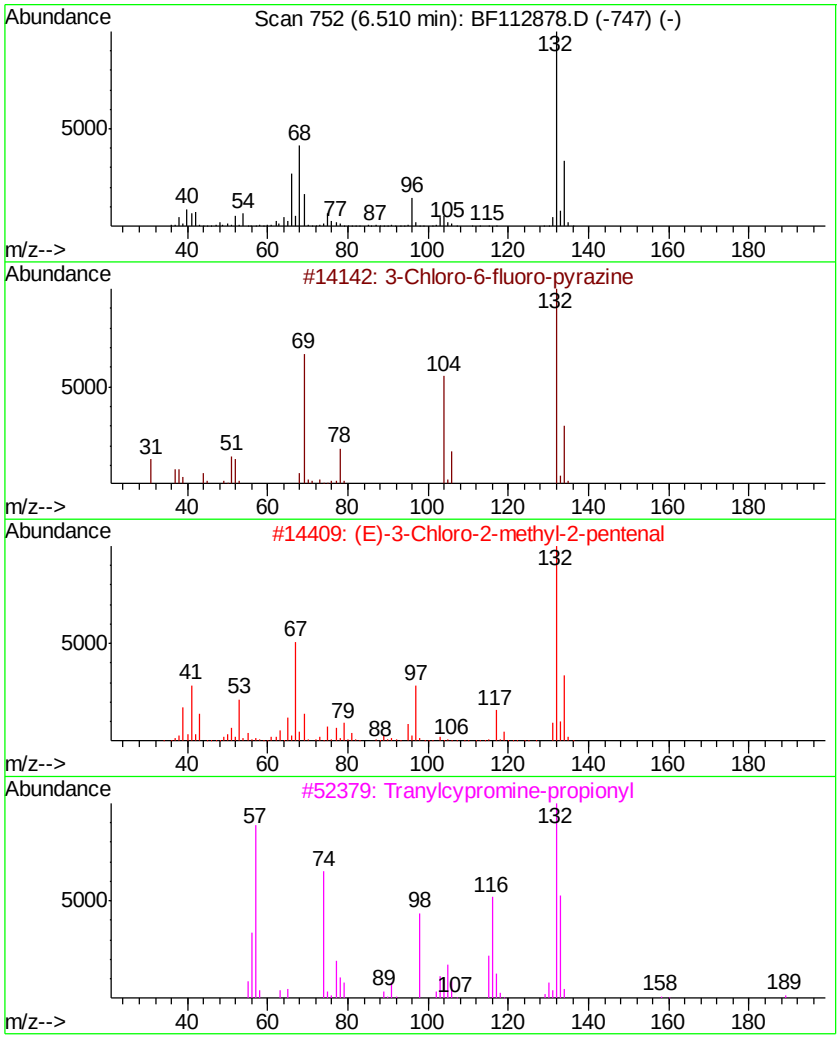
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

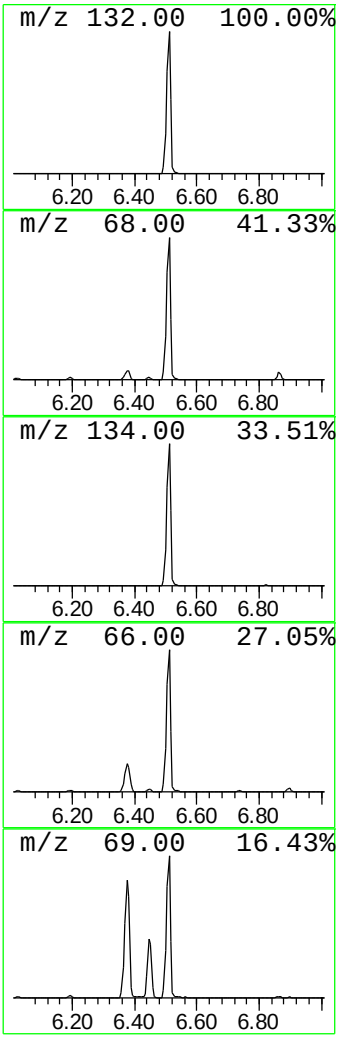
****

Peak Number 3 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	72.00 ng	3344900	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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

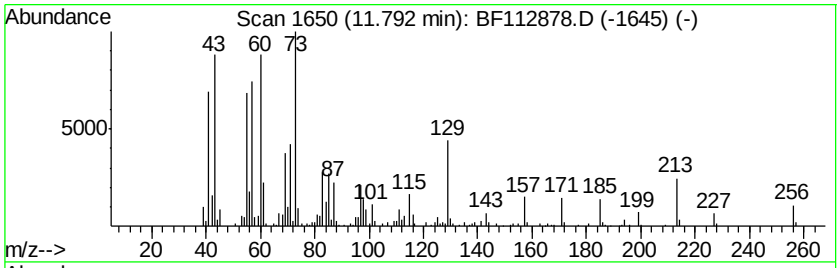
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

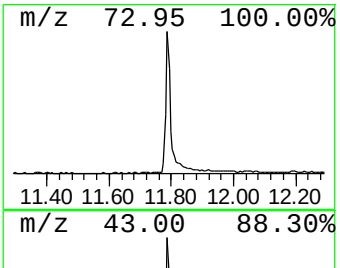
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.98 ng	622836	Phenanthrene-d10	11.25

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

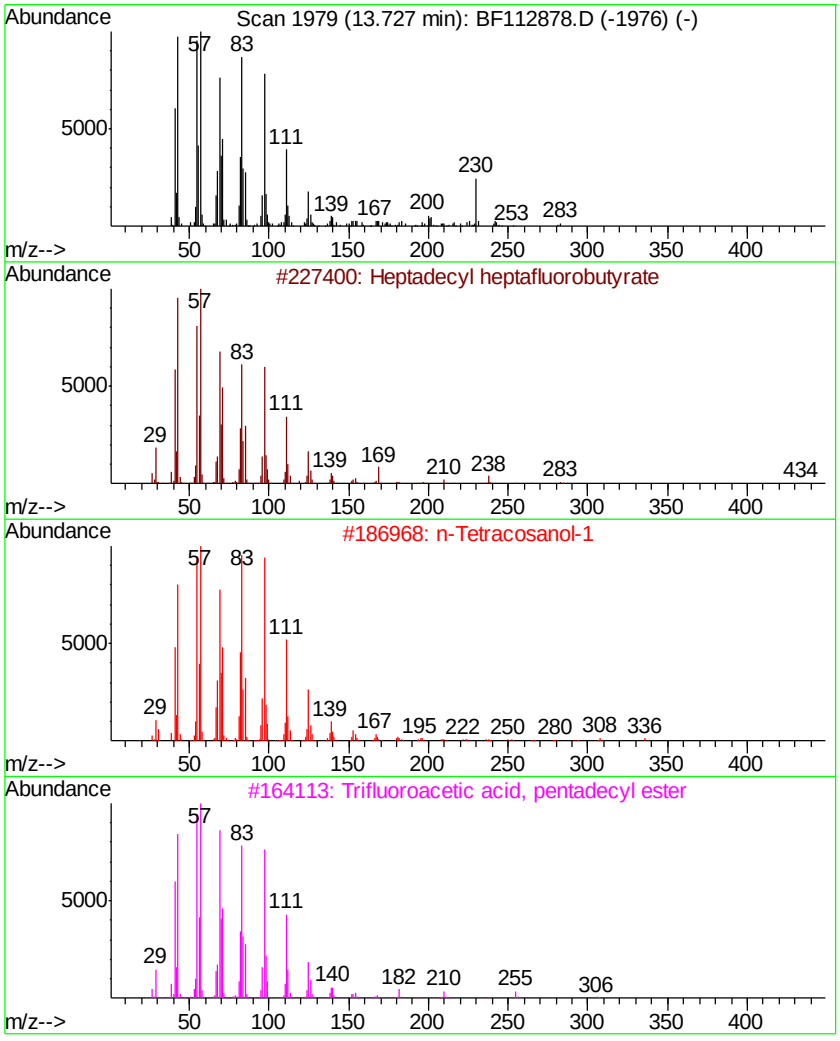
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

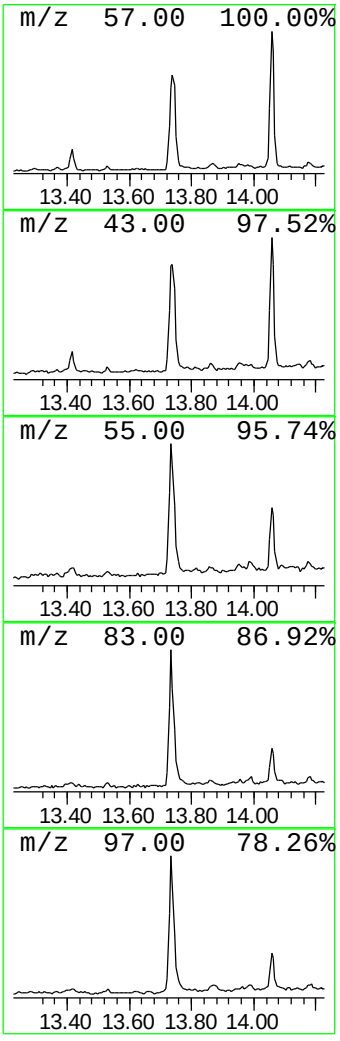
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	7.92 ng	564935	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

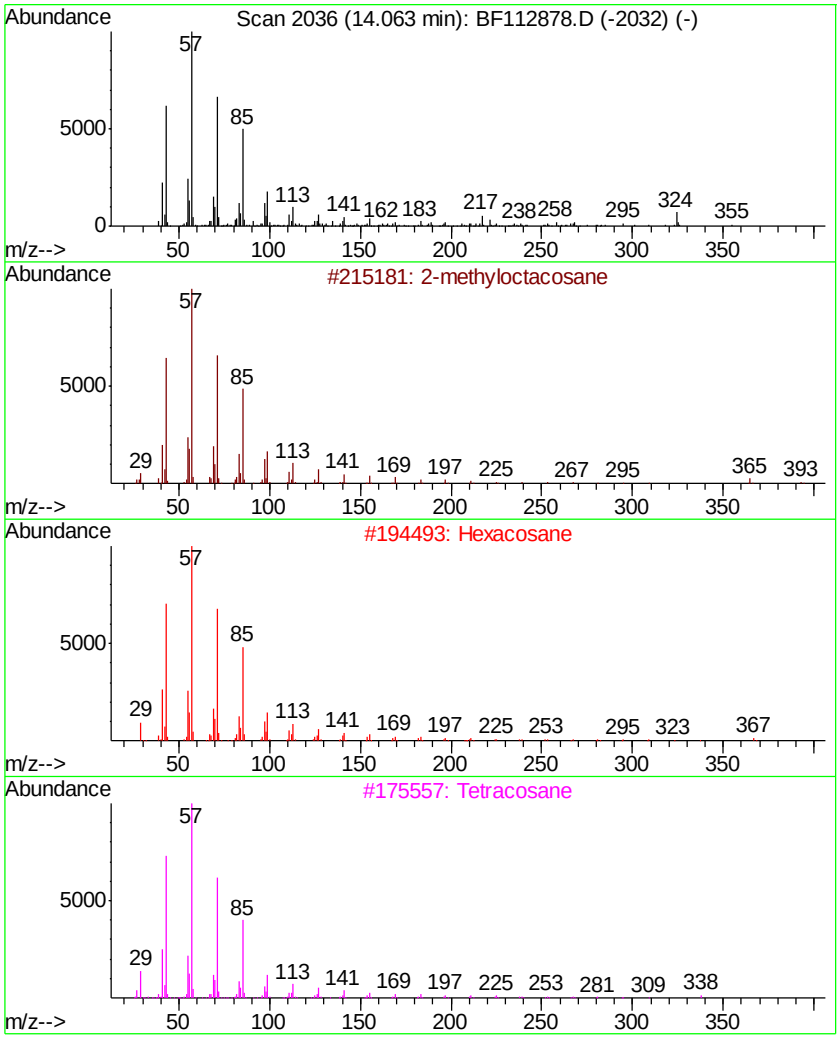
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

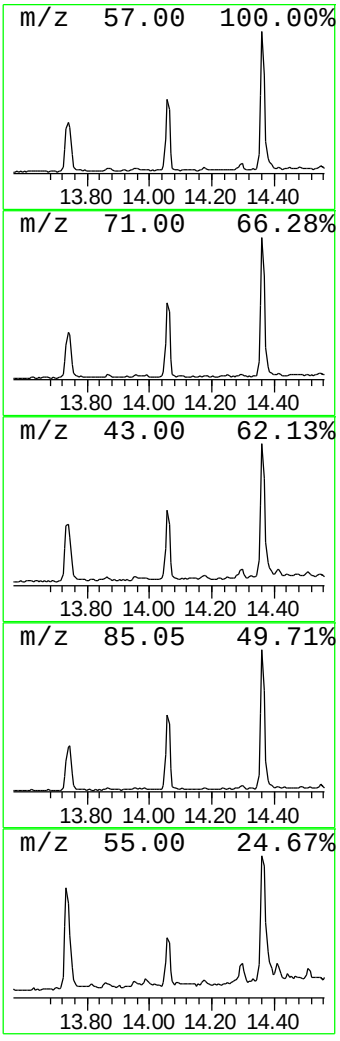
****

Peak Number 7 2-methyloctacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	7.28 ng	519566	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

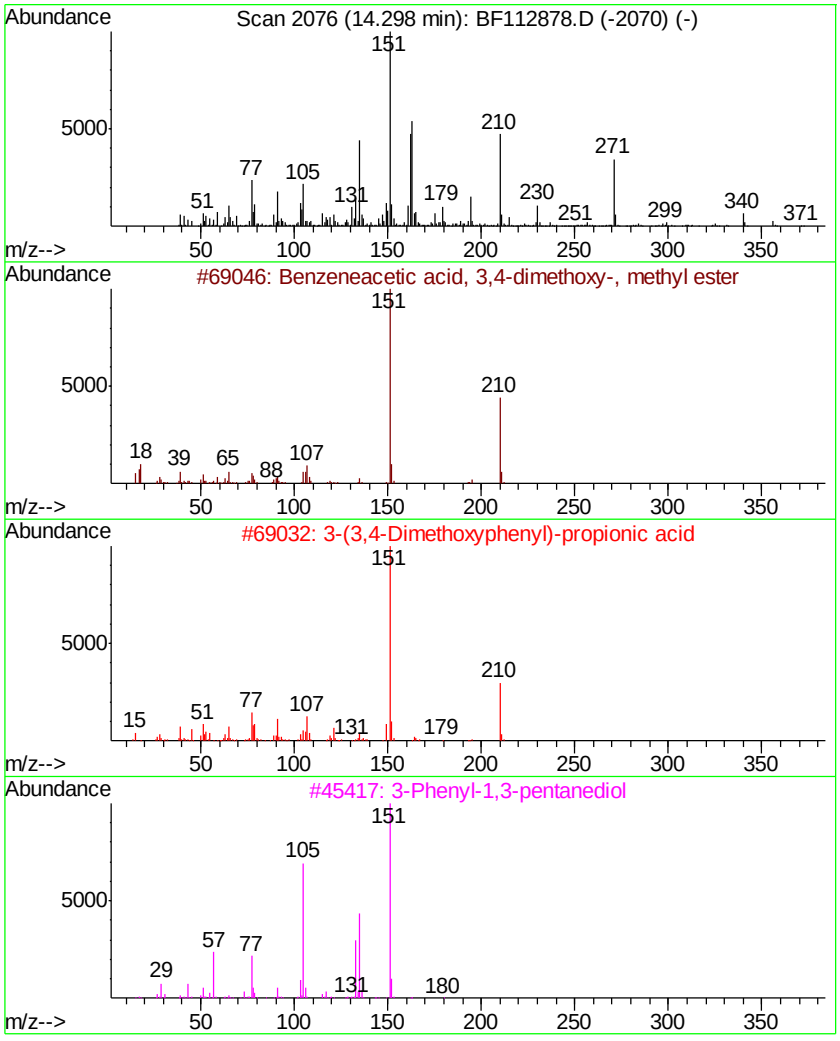
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

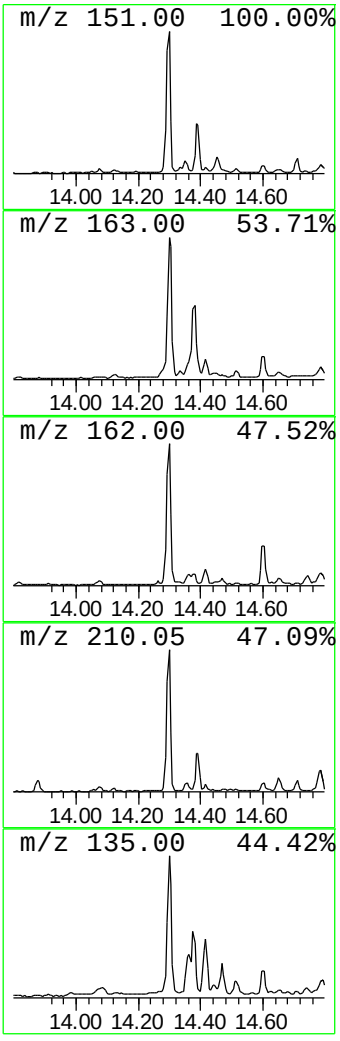
****

Peak Number 8 unknown14.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	20.39 ng	1454370	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 3,4-dimethox...	210	C11H14O4	015964-79-1	30
2	3-(3,4-Dimethoxyphenyl)-propioni...	210	C11H14O4	002107-70-2	30
3	3-Phenyl-1,3-pentanediol	180	C11H16O2	093306-72-0	22
4	Benzene, 2-[(ethenyloxy)methyl]-...	194	C11H14O3	071255-03-3	18
5	Dimethyl-(isopropyl)-silyloxyben...	194	C11H18OSi	062790-74-3	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

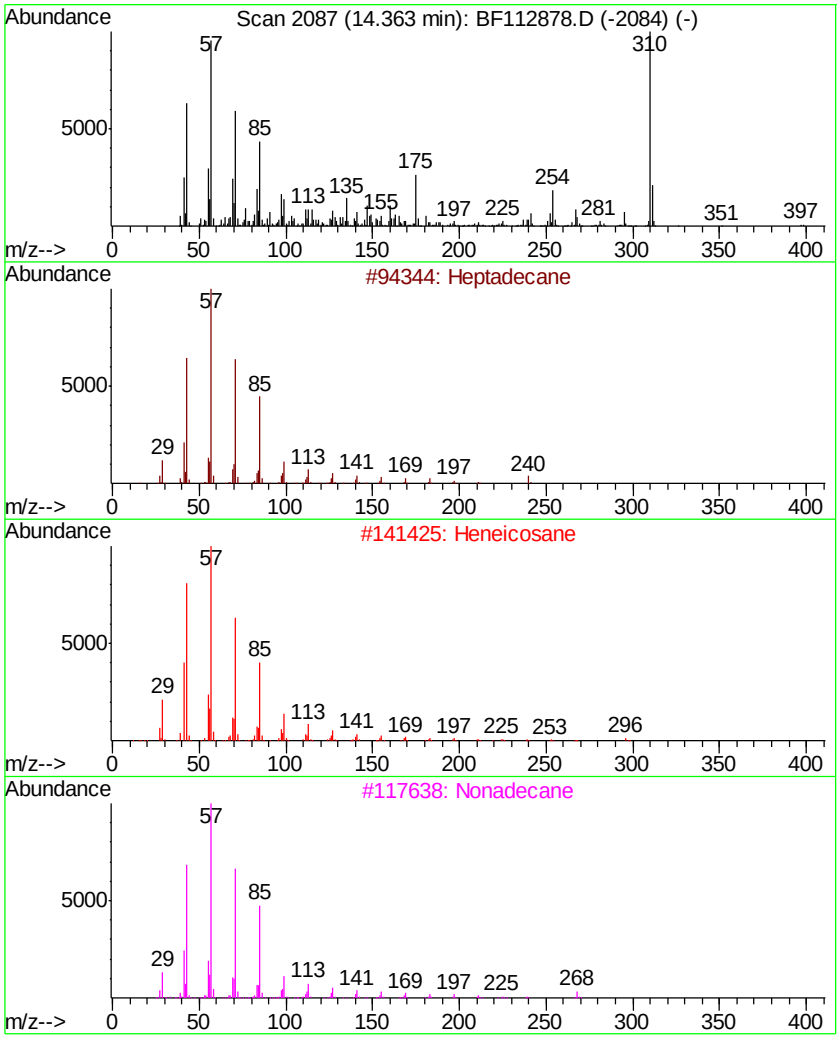
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

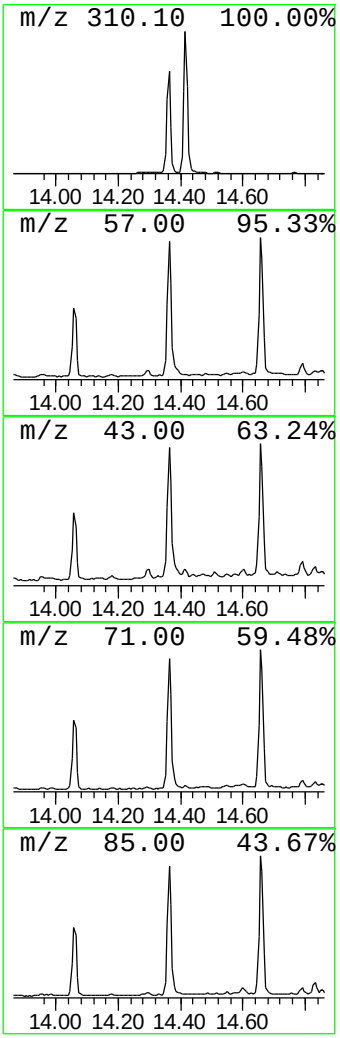
****

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	24.16 ng	1723060	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	92
3	Nonadecane	268	C19H40	000629-92-5	92
4	Eicosane	282	C20H42	000112-95-8	92
5	Octadecane	254	C18H38	000593-45-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

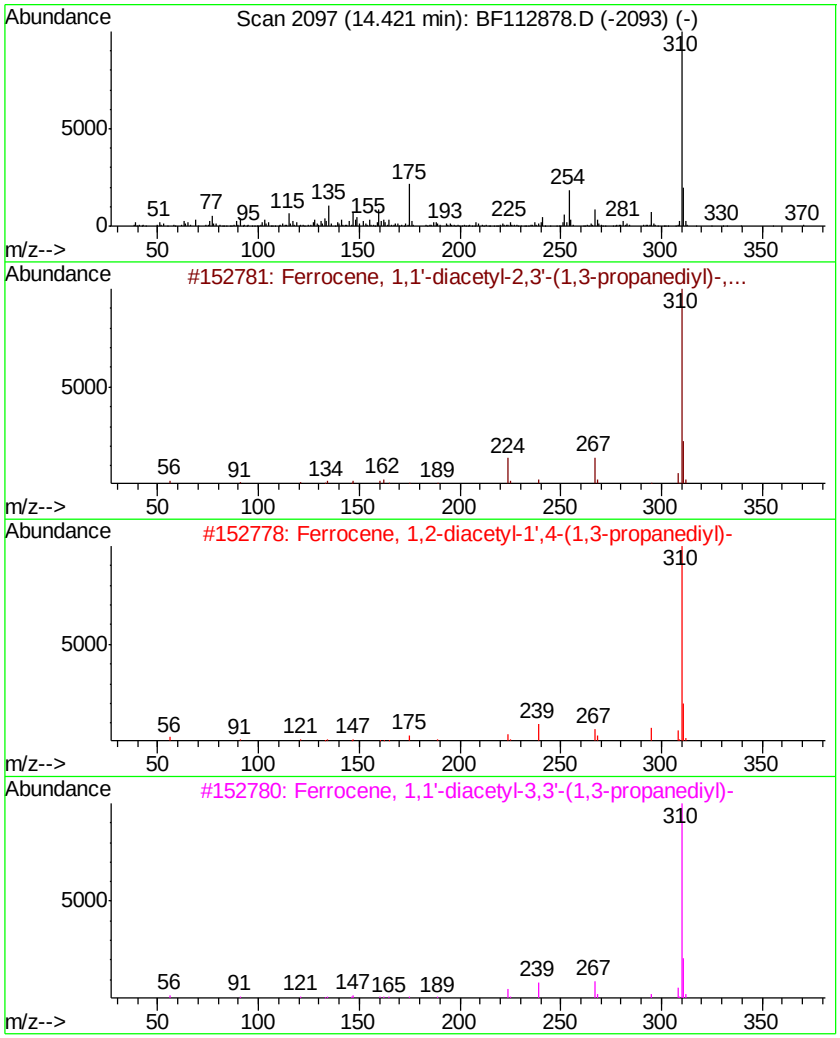
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

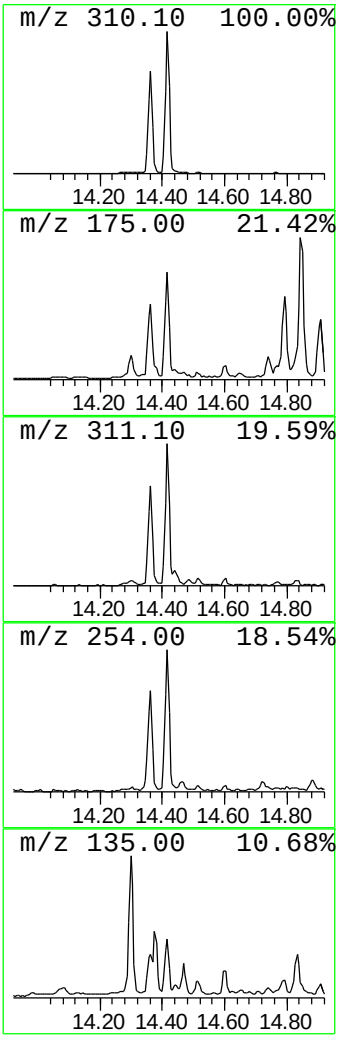
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ferrocene, 1,1'-diacetyl-2,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	15.04 ng	1072850	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, 1,1'-diacetyl-2,3'-(1...	310	C17H18FeO2	038548-79-7	53
2	Ferrocene, 1,2-diacetyl-1',4-(1,...	310	C17H18FeO2	041558-93-4	53
3	Ferrocene, 1,1'-diacetyl-3,3'-(1...	310	C17H18FeO2	041558-92-3	49
4	Ferrocene, 1,1'-diacetyl-2,2'-(1...	310	C17H18FeO2	041558-91-2	49
5	Ethene, 1-(anthracen-9-yl)-2-(4-...	310	C23H18O	068790-33-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

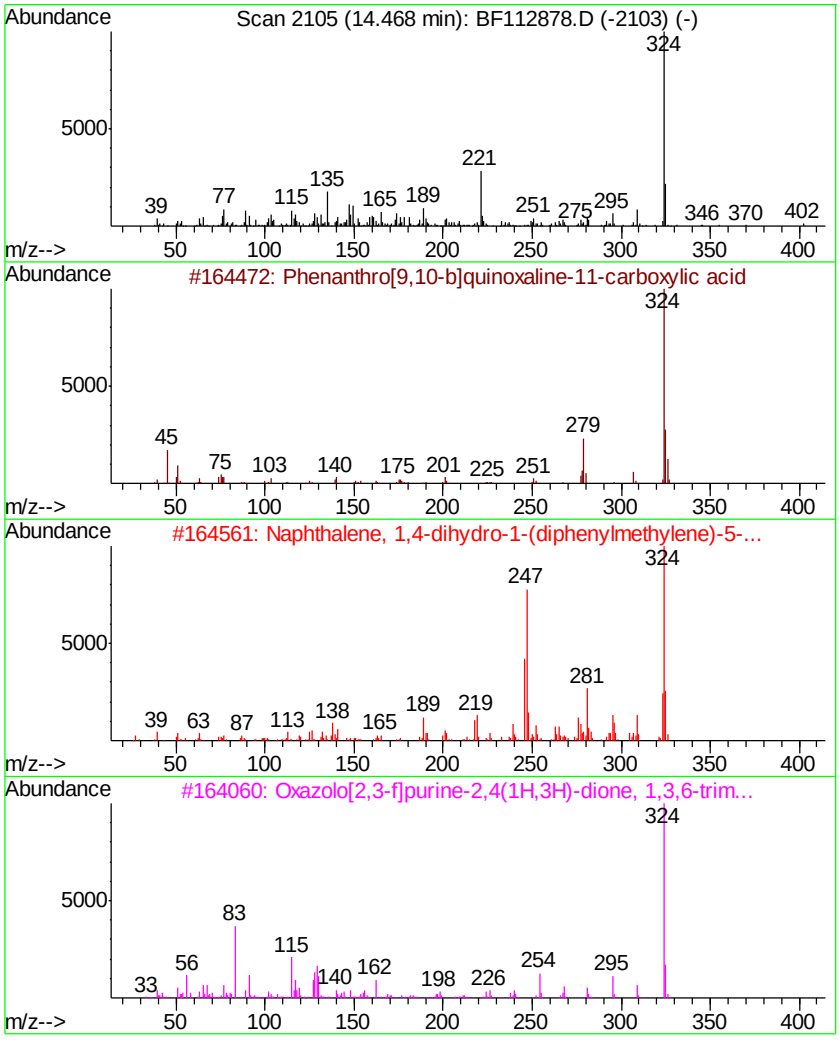
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

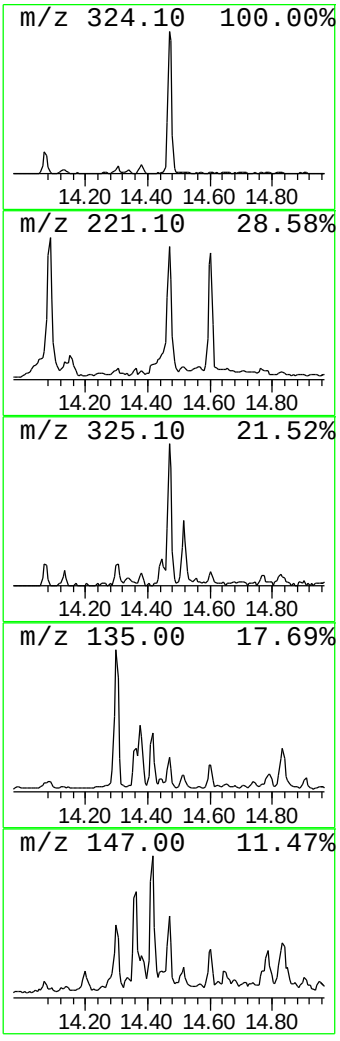
****

Peak Number 11 Phenanthro[9,10-b]quinoxali... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	7.06 ng	503487	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro[9,10-b]quinoxaline-11...	324	C21H12N2O2	134859-17-9	64
2	Naphthalene, 1,4-dihydro-1-(diph...	324	C23H16O2	1000156-71-8	62
3	Oxazolo[2,3-f]purine-2,4(1H,3H)-...	324	C17H16N4O3	1000350-27-1	53
4	Thiazolo[3,2-a]benzimidazol-3(2H...	324	C17H12N2OS2	311783-63-8	52
5	Thieno[3,2-e][1,2,4]triazolo[1,5...	324	C16H12N4O2S	1000350-80-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

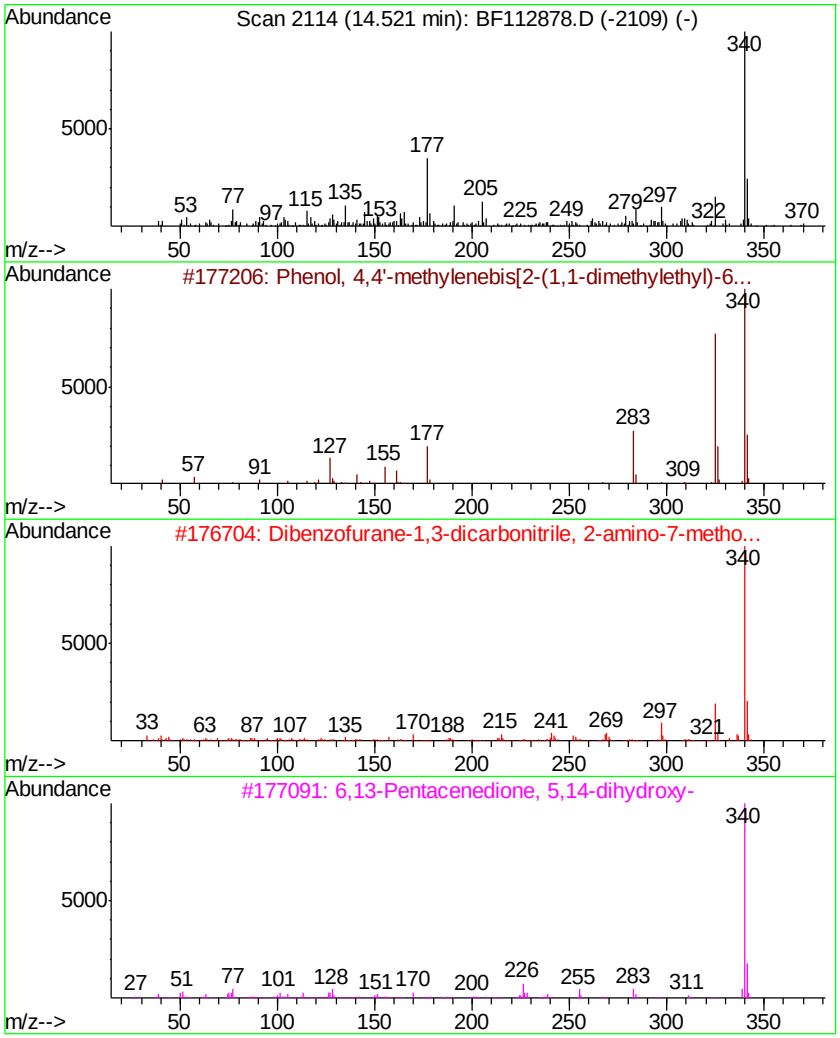
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

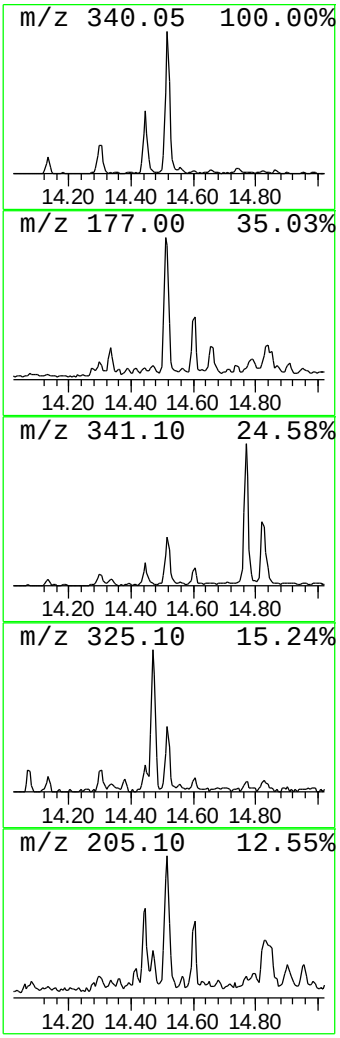
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenol, 4,4'-methylenebis[2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.94 ng	423919	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis[2-(1,1...	340	C23H32O2	000096-65-1	62
2	Dibenzofurane-1,3-dicarbonitrile...	340	C20H12N4O2	328286-70-0	52
3	6,13-Pentacenedione, 5,14-dihydr...	340	C22H12O4	068970-90-1	49
4	2,4-Di(2,2,6,6-tetramethyl-1,2,5...	341	C22H35N3	1000311-57-0	49
5	4-Phosphaspiro[2.4]hept-5-ene, 4...	340	C24H21P	164074-32-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

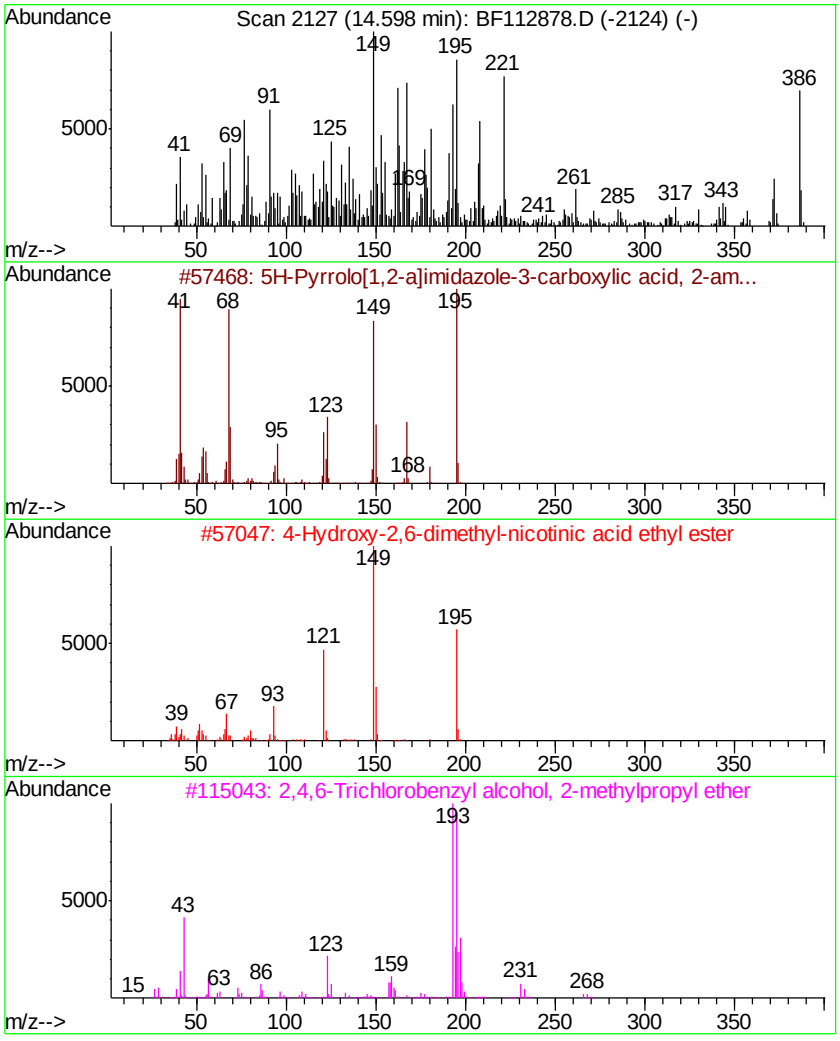
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

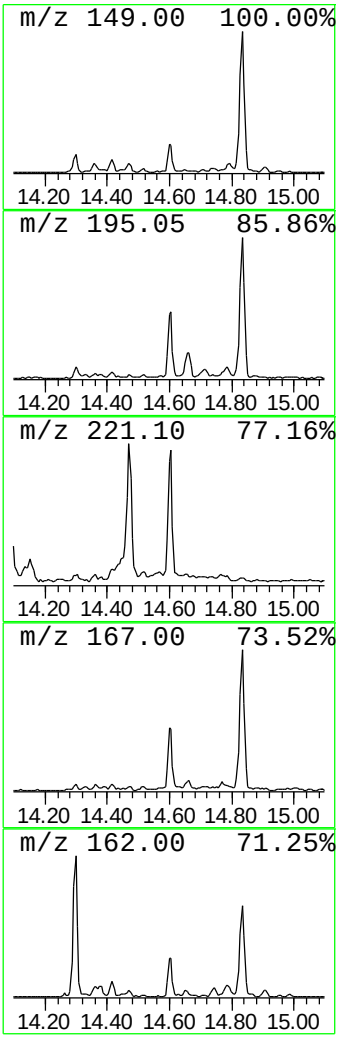
****

Peak Number 13 unknown14.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	22.63 ng	1027280	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo[1,2-a]imidazole-3-car...	195	C9H13N3O2	1000338-27-0	38
2	4-Hydroxy-2,6-dimethyl-nicotinic...	195	C10H13NO3	1000301-12-6	30
3	2,4,6-Trichlorobenzyl alcohol, 2...	266	C11H13Cl3O	1000375-28-0	25
4	Imidazole, 2-trifluoromethyl-5-m...	195	C5H4F3N3O2	104752-69-4	25
5	1H-Pyrrole-3-propanoic acid, 4-a...	195	C10H13NO3	038664-17-4	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

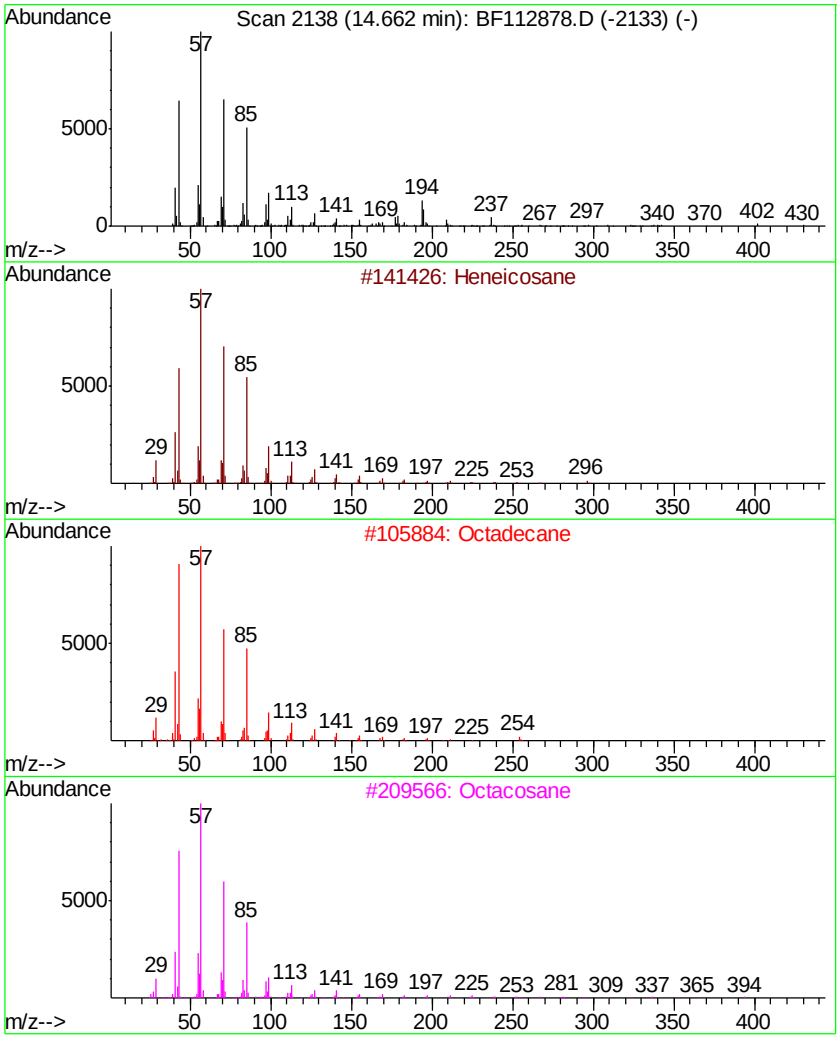
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

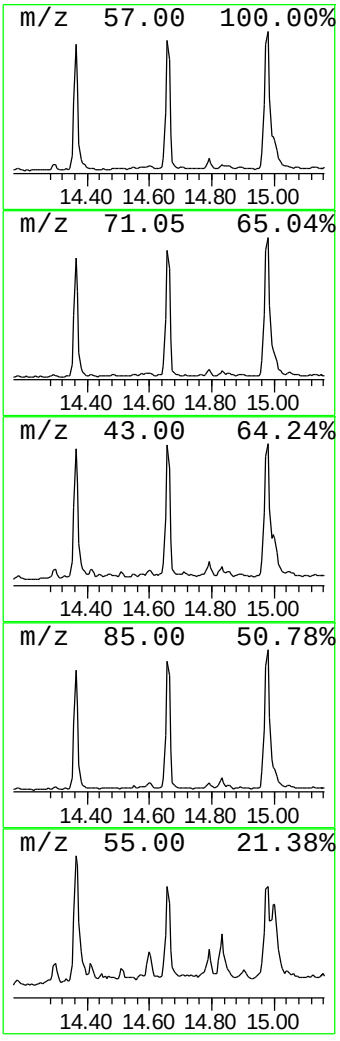
****

Peak Number 14 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	21.07 ng	956446	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	Octadecane	254	C18H38	000593-45-3	68
3	Octacosane	394	C28H58	000630-02-4	64
4	Hexadecane	226	C16H34	000544-76-3	62
5	Heptacosane	380	C27H56	000593-49-7	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

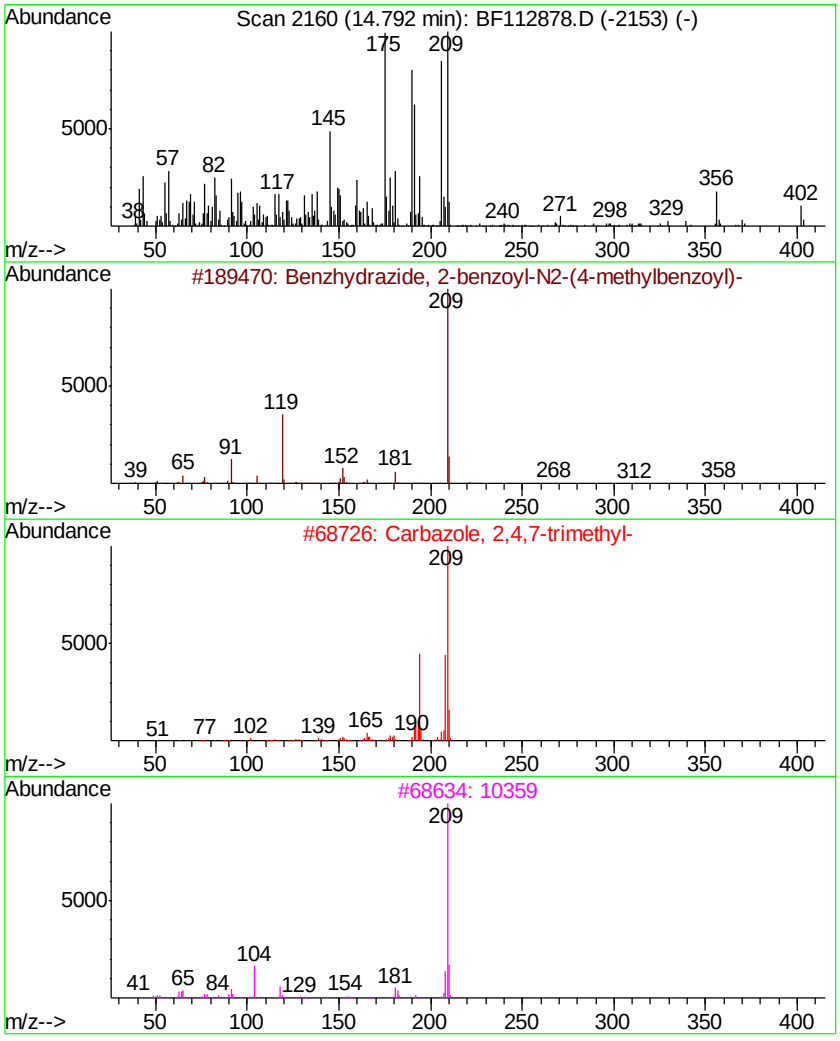
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

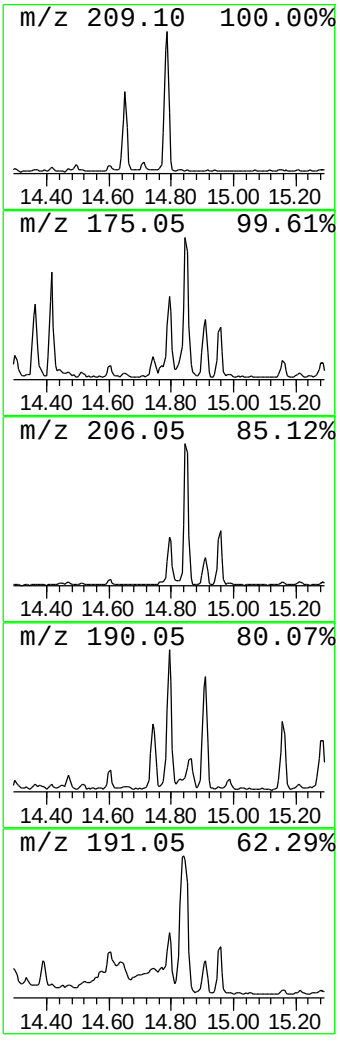
****

Peak Number 15 Benzhydrazide, 2-benzoyl-N2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	23.85 ng	1082670	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydrazide, 2-benzoyl-N2-(4-m...	358	C22H18N2O3	304667-87-6	50
2	Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	49
3	10359	209	C13H11N3	002963-77-1	49
4	Carbazole, 2,4,6-trimethyl-	209	C15H15N	078787-88-9	49
5	1-Methyl-4-(indol-3-enilyden)-1,...	209	C13H11N3	077219-01-3	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

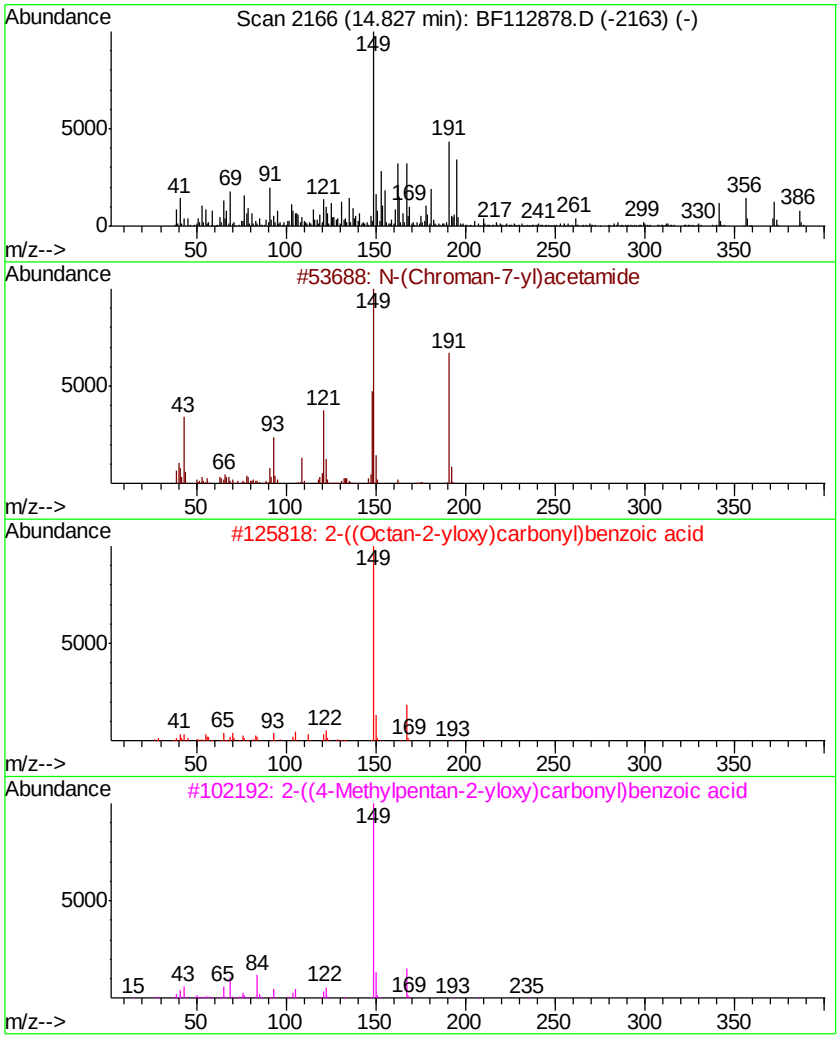
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

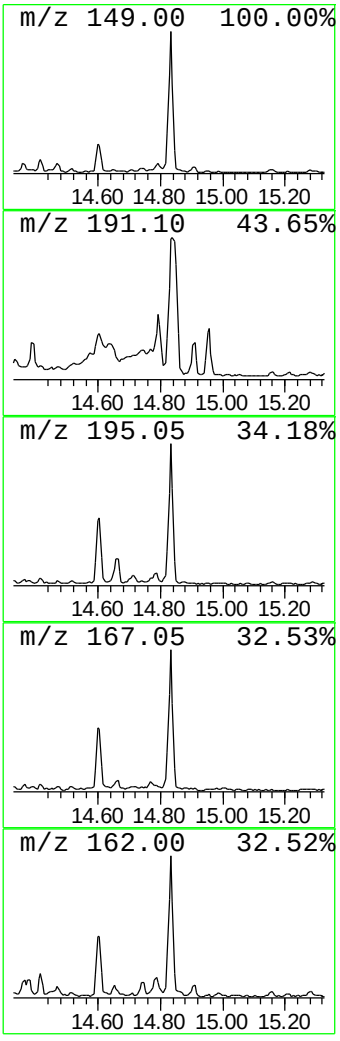
****

Peak Number 16 unknown14.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	47.52 ng	2156720	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Chroman-7-yl)acetamide	191	C11H13NO2	1000306-69-7	46
2	2-((Octan-2-yloxy)carbonyl)benzo...	278	C16H22O4	1000373-83-2	35
3	2-((4-Methylpentan-2-yloxy)carbo...	250	C14H18O4	1000373-82-5	35
4	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	35
5	Phthalic acid, 3-methoxybenzyl p...	356	C21H24O5	1000377-97-8	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

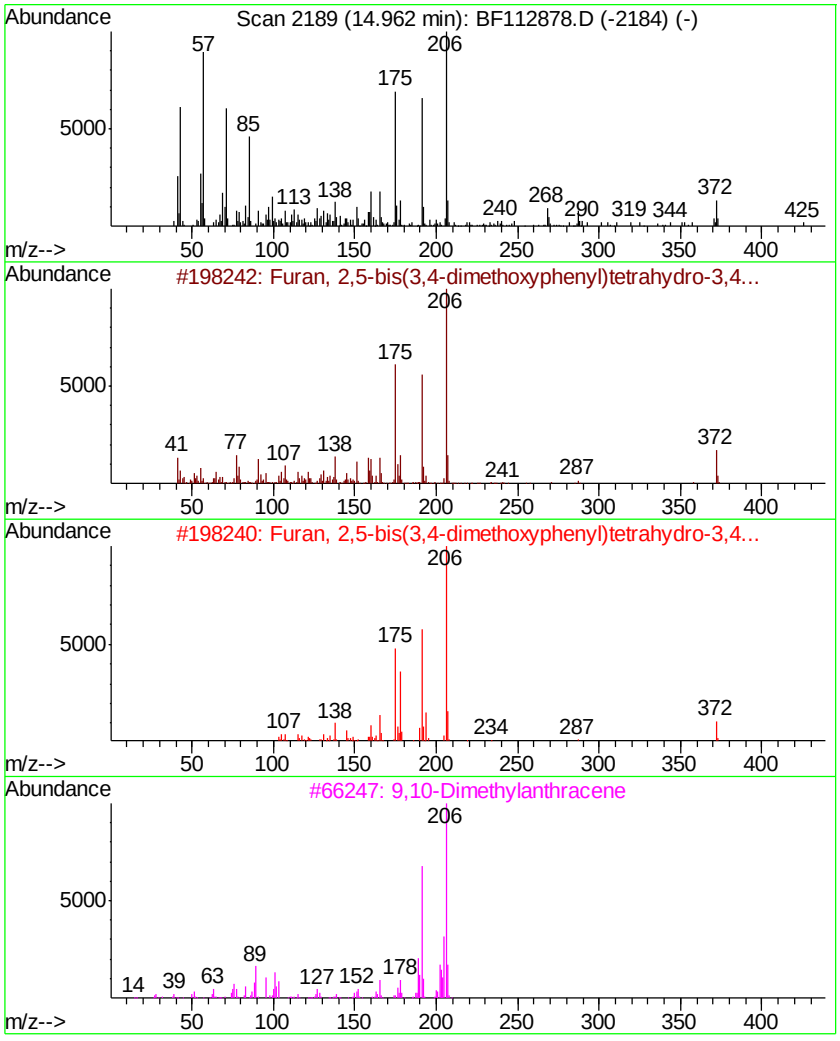
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

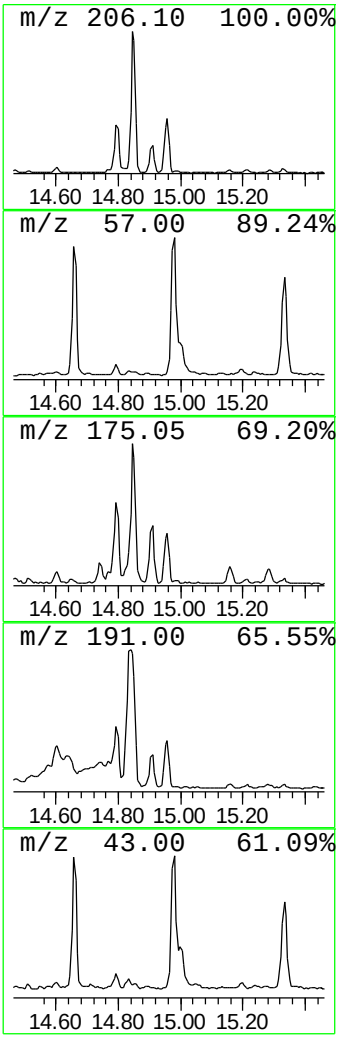
****

Peak Number 17 Furan, 2,5-bis(3,4-dimethox... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.10 ng	276643	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-bis(3,4-dimethoxyphen...	372	C22H28O5	000528-63-2	95
2	Furan, 2,5-bis(3,4-dimethoxyphen...	372	C22H28O5	010569-12-7	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	58
5	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

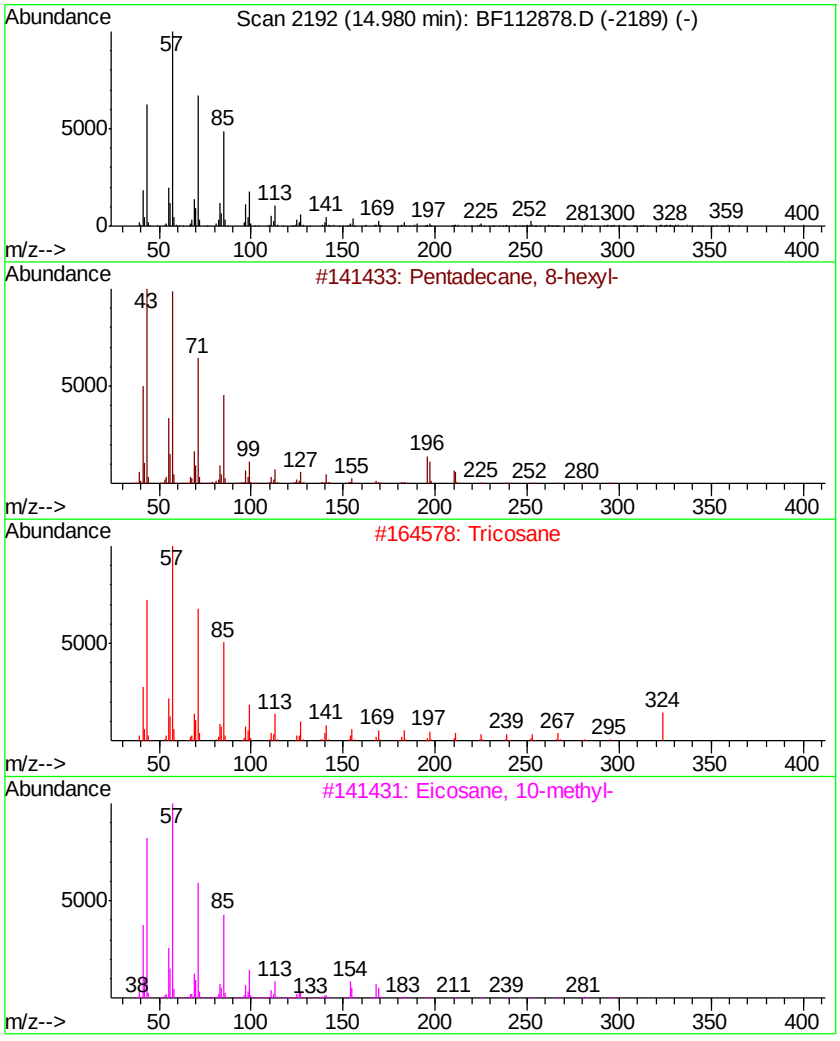
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

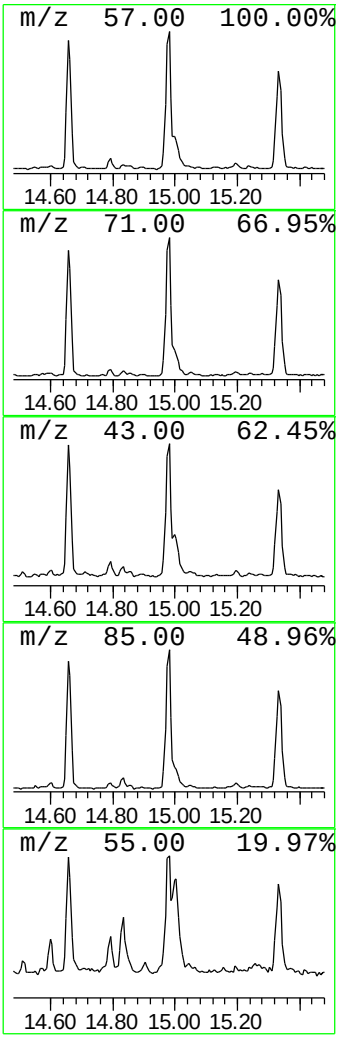
****

Peak Number 18 Pentadecane, 8-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	11.91 ng	540757	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Tricosane	324	C23H48	000638-67-5	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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

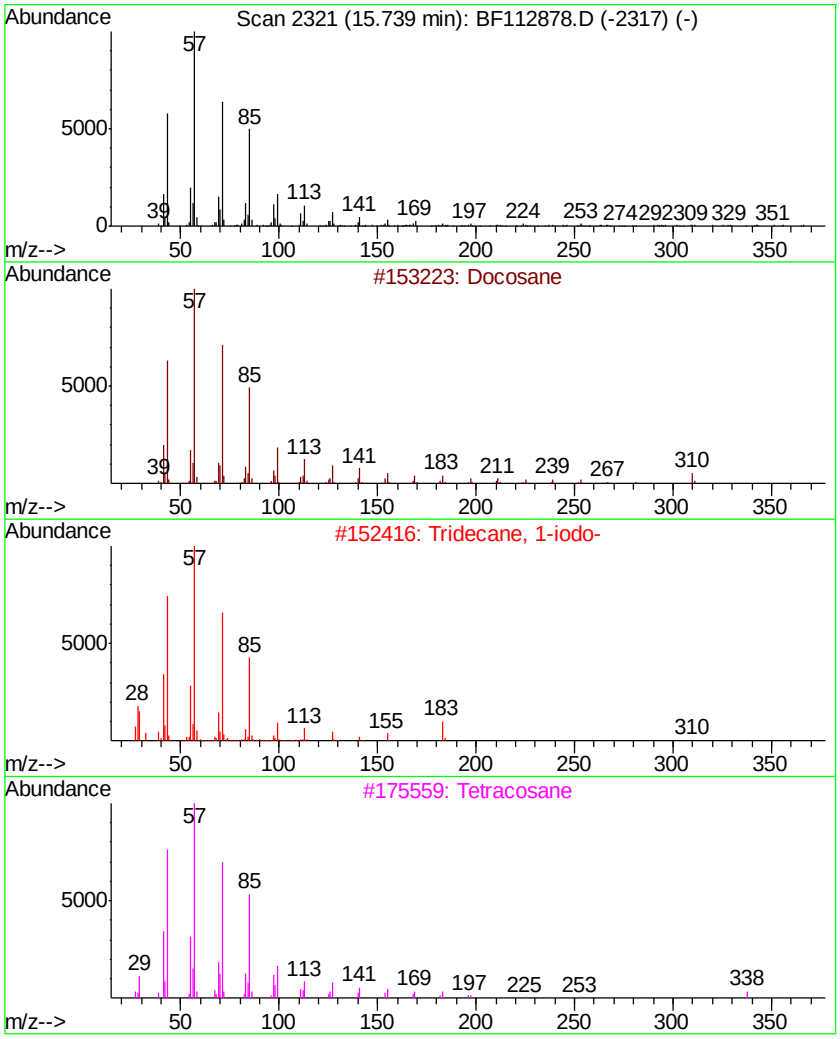
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

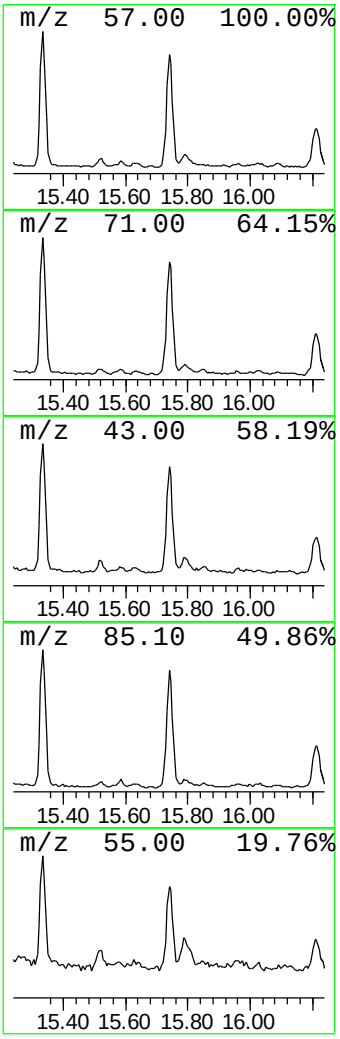
****

Peak Number 19 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	12.33 ng	559568	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112878.D
Acq On : 6 Mar 2019 3:24
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

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
(1R)-2,6,6-Trimet...	6.02	11.4	ng	527906	1	6.74	929123	20.0
.beta.-Pinene	6.45	17.2	ng	799298	1	6.74	929123	20.0
unknown6.51	6.51	72.0	ng	3344900	1	6.74	929123	20.0
n-Hexadecanoic acid	11.79	11.0	ng	622836	4	11.25	1134260	20.0
Heptadecyl heptaf...	13.73	7.9	ng	564935	5	13.87	1426560	20.0
2-methyloctacosane	14.06	7.3	ng	519566	5	13.87	1426560	20.0
unknown14.30	14.30	20.4	ng	1454370	5	13.87	1426560	20.0
Heptadecane	14.36	24.2	ng	1723060	5	13.87	1426560	20.0
Ferrocene, 1,1'-d...	14.42	15.0	ng	1072850	5	13.87	1426560	20.0
Phenanthro[9,10-b...	14.47	7.1	ng	503487	5	13.87	1426560	20.0
Phenol, 4,4'-meth...	14.52	5.9	ng	423919	5	13.87	1426560	20.0
unknown14.60	14.60	22.6	ng	1027280	6	15.29	907724	20.0
Heneicosane	14.66	21.1	ng	956446	6	15.29	907724	20.0
Benzhydrazide, 2-...	14.79	23.9	ng	1082670	6	15.29	907724	20.0
unknown14.83	14.83	47.5	ng	2156720	6	15.29	907724	20.0
Furan, 2,5-bis(3,...	14.96	6.1	ng	276643	6	15.29	907724	20.0
Pentadecane, 8-he...	14.98	11.9	ng	540757	6	15.29	907724	20.0
Docosane	15.74	12.3	ng	559568	6	15.29	907724	20.0