LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

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-BF040820.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	5.275	538	542	555	rBV	2220121	2222406	82.81%	6.299%
2	5.934	650	654	657	rVB	203913	188482	7.02%	0.534%
3	6.316	715	719	725	rBV	2171117	2178681	81.18%	6.175%
4	6.498	744	750	756	rBV2	41172	42145	1.57%	0.119%
5	6.663	775	778	782	rBV	927507	716668	26.70%	2.031%
6	6.822	801	805	808	rBV	2409925	1981195	73.82%	5.615%
7	7.234	866	875	878	rBV	1776722	1548196	57.69%	4.388%
8	7.439	907	910	913	rBV2	46478	39276	1.46%	0.111%
9	7.951	991	997	999	rBV	1205403	1102730	41.09%	3.125%
10	7.975	999	1001	1004	rVV	1099499	851419	31.73%	2.413%
11	8.022	1007	1009	1012	rVB2	47565	36109	1.35%	0.102%
12	8.245	1043	1047	1050	rVB5	55636	58676	2.19%	0.166%
13	8.334	1060	1062	1065	rBV3	34654	35167	1.31%	0.100%
14	8.392	1068	1072	1074	rVV2	41383	63944	2.38%	0.181%
15	8.416	1074	1076	1079	rVB2	57303	50359	1.88%	0.143%
16	8.457	1080	1083	1085	rBV3	52845	48296	1.80%	0.137%
17	8.492	1085	1089	1091	rBV4	30483	41705	1.55%	0.118%
18	8.534	1093	1096	1100	rVV	131790	115116	4.29%	0.326%
19	8.663	1115	1118	1121	rVB	362337	279883	10.43%	0.793%
20	8.692	1121	1123	1125	rBV2	41266	40736	1.52%	0.115%
21	8.722	1125	1128	1131	rBV3	59392	59084	2.20%	0.167%
22	8.763	1131	1135	1139	rBV2	221437	285891	10.65%	0.810%
23	8.939	1163	1165	1168	rBV3	64898	65427	2.44%	0.185%
24	8.981	1168	1172	1175	rVB3	65290	92073	3.43%	0.261%
25	9.028	1175	1180	1183	rBV	3014203	2683703	100.00%	7.606%
26	9.063	1184	1186	1189	rBV3	56773	46219	1.72%	0.131%
27	9.104	1189	1193	1199	rBV6	200423	344350	12.83%	0.976%
28	9.210	1208	1211	1216	rBV7	80881	121416	4.52%	0.344%
29	9.339	1230	1233	1235	rBV3	166243	182570	6.80%	0.517%
30	9.375	1235	1239	1243	rVB2	510606	567832	21.16%	1.609%
31	9.428	1243	1248	1252	rBV2	401691	545486	20.33%	1.546%
32	9.569	1269	1272	1275	rBV3	236120	274114	10.21%	0.777%
33	9.616	1277	1280	1283	rVB3	434091	425950	15.87%	1.207%
34	9.651	1283	1286	1289	rBV3	174022	217518	8.11%	0.616%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.704	1289	1295	1298	rBV	1262001	1436482	53.53%	4.071%
36	9.739	1298	1301	1305	rVV	429989	437638	16.31%	1.240%
37	9.910	1328	1330	1332	rVB	276482	191978	7.15%	0.544%
38	10.028	1347	1350	1351	rBV3	165829	189579	7.06%	0.537%
39	10.110	1361	1364	1367	rBV2	453571	430553	16.04%	1.220%
40	10.251	1385	1388	1390	rBV2	314707	359622	13.40%	1.019%
41	10.498	1426	1430	1433	rBV	1253773	1297777	48.36%	3.678%
42	11.192	1546	1548	1550	rBV	760494	702713	26.18%	1.992%
43	12.410	1752	1755	1758	rVB	1352900	1147577	42.76%	3.252%
44	12.633	1791	1793	1796	rVB	1161490	1005917	37.48%	2.851%
45	12.780	1814	1818	1826	rVB	2311433	2235141	83.29%	6.335%
46	13.263	1897	1900	1905	rVB3	238024	287249	10.70%	0.814%
47	13.539	1945	1947	1950	rVB	207739	159103	5.93%	0.451%
48	13.610	1956	1959	1961	rBV2	83702	117279	4.37%	0.332%
49	13.680	1967	1971	1979	rVB3	264701	459236	17.11%	1.302%
50	13.821	1991	1995	1998	rBV2	945007	1336498	49.80%	3.788%
51	13.851	1998	2000	2003	rVV	634744	499719	18.62%	1.416%
52	13.910	2007	2010	2011	rBV2	87355	71318	2.66%	0.202%
53	13.927	2011	2013	2016	rVB	136637	110330	4.11%	0.313%
54	13.998	2022	2025	2028	rVB4	152752	151778	5.66%	0.430%
55	14.210	2053	2061	2064	rBV	245059	408235	15.21%	1.157%
56	14.245	2064	2067	2070	rVB	319473	310710	11.58%	0.881%
57	14.304	2074	2077	2079	rVV2	195355	181865	6.78%	0.515%
58	14.327	2079	2081	2084	rVB4	126053	149269	5.56%	0.423%
59	14.598	2125	2127	2129	rVB	104795	76096	2.84%	0.216%
60	14.833	2163	2167	2176	rBV	548173	939068	34.99%	2.662%
61	14.910	2177	2180	2182	rBV2	176755	147750	5.51%	0.419%
62	15.115	2211	2215	2220	rBV	381000	524370	19.54%	1.486%
63	15.168	2221	2224	2230	rVV	515115	654791	24.40%	1.856%
64	15.227	2230	2234	2237	rVV	513599	647481	24.13%	1.835%
65	15.257	2237	2239	2246	rVB3	229651	299735	11.17%	0.850%
66	16.574	2459	2463	2471	rVB2	181072	310787	11.58%	0.881%
67	16.980	2528	2532	2541	rVB	144611	290129	10.81%	0.822%
68	17.833	2675	2677	2681	rBV4	40972	45235	1.69%	0.128%
69	17.968	2697	2700	2703	rBV5	37028	68211	2.54%	0.193%
70	18.698	2822	2824	2826	rBV3	38550	48923	1.82%	0.139%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 35282964

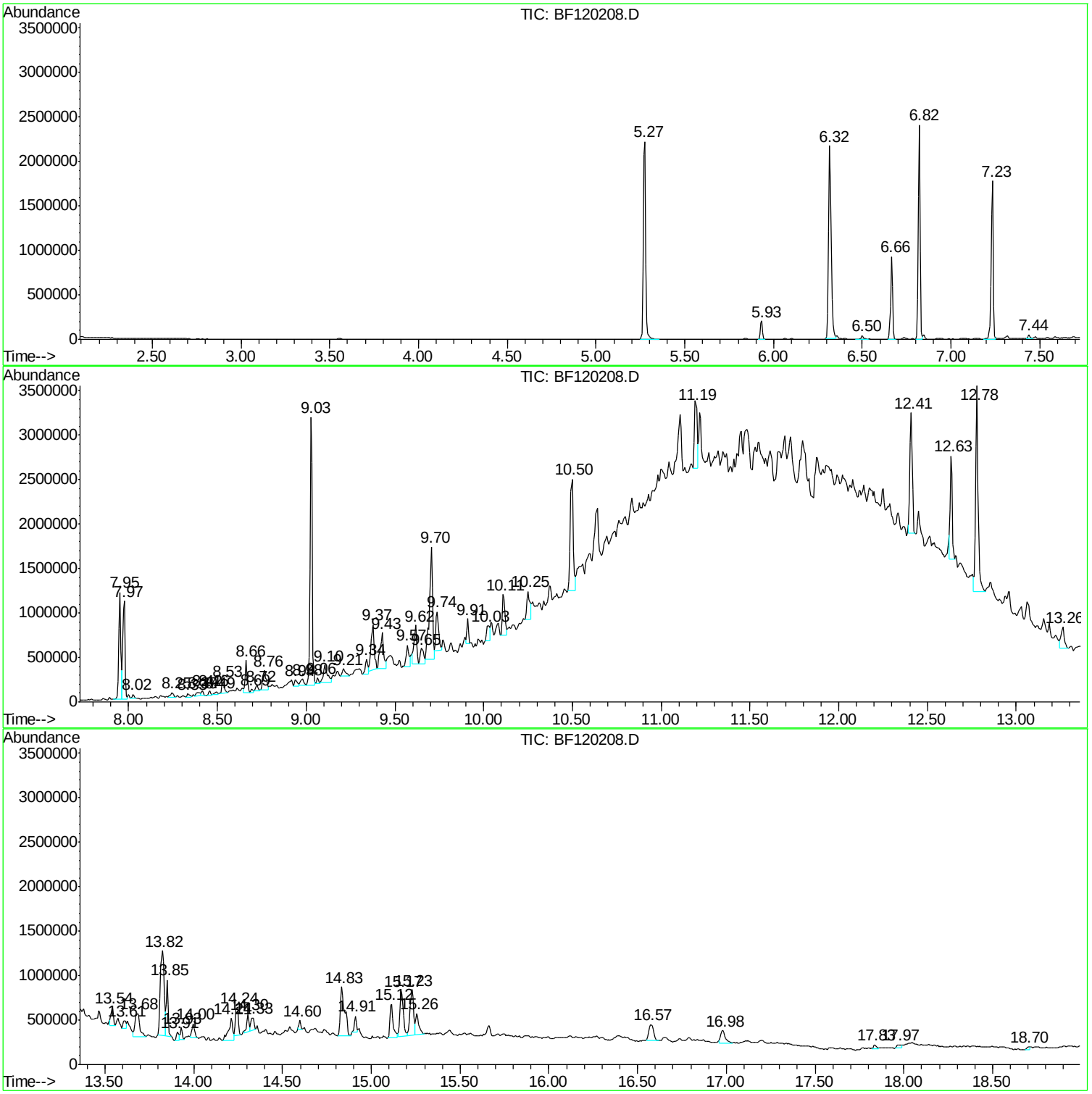
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

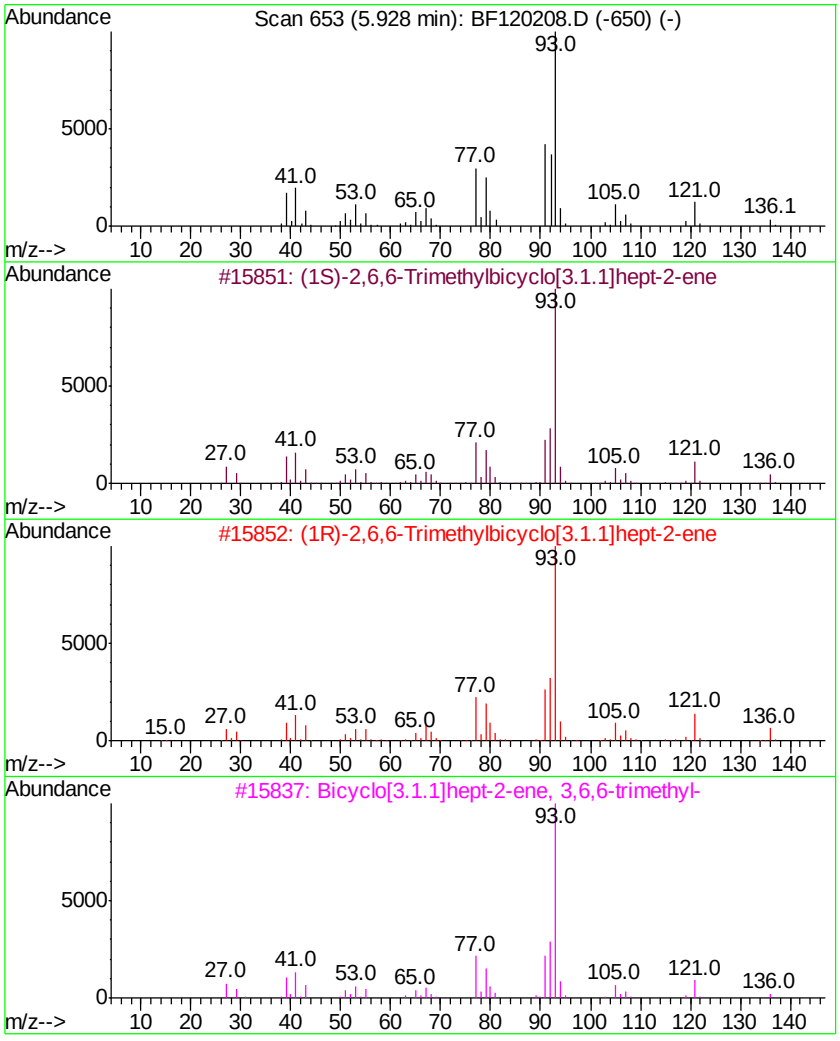
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

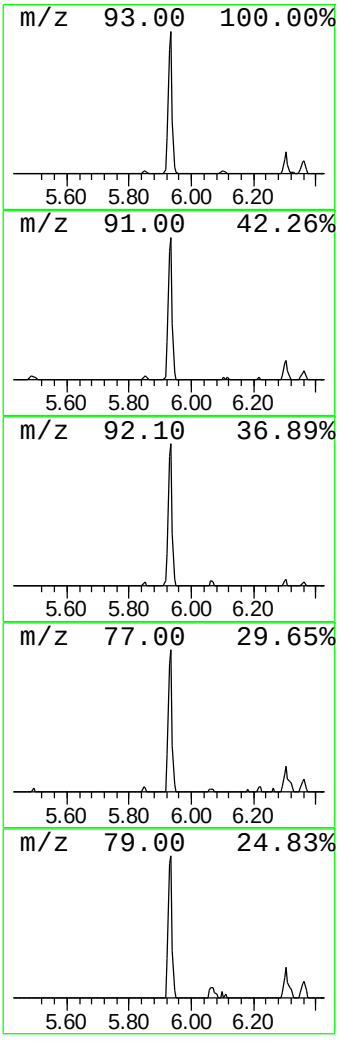
****

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.26 ng	188482	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	96
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
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\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

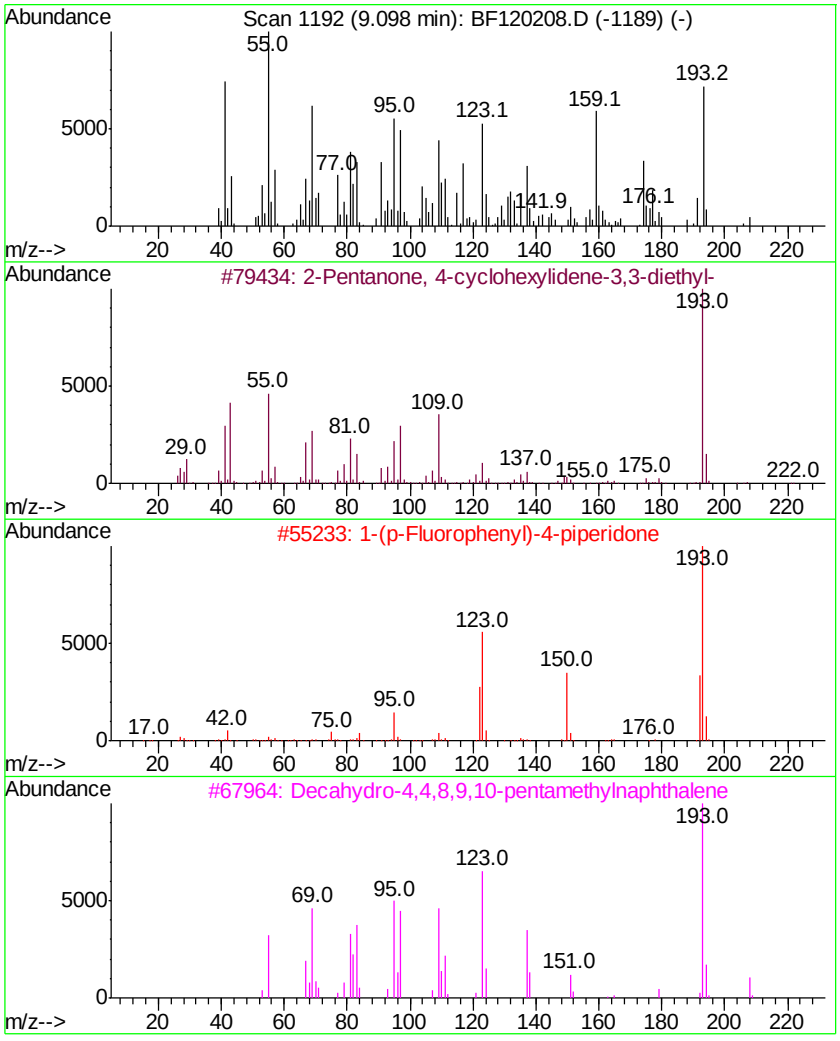
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

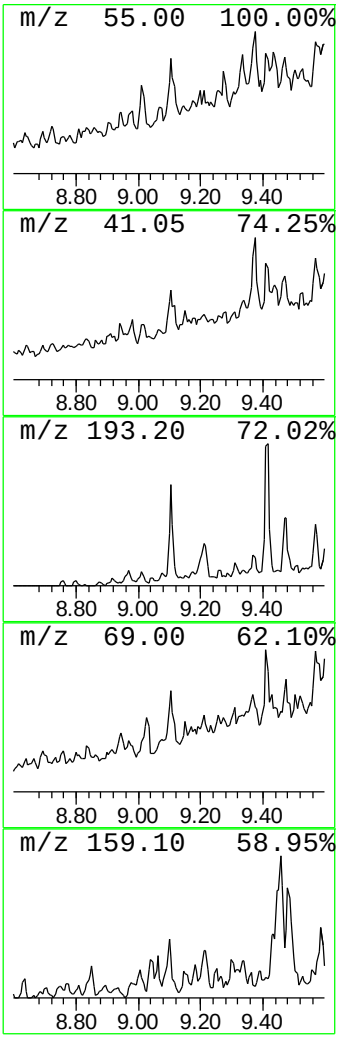
****

Peak Number 3 2-Pentanone, 4-cyclohexylid... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	4.79 ng	344350	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	52
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
4	2-Anthracenamine	193	C14H11N	000613-13-8	27
5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

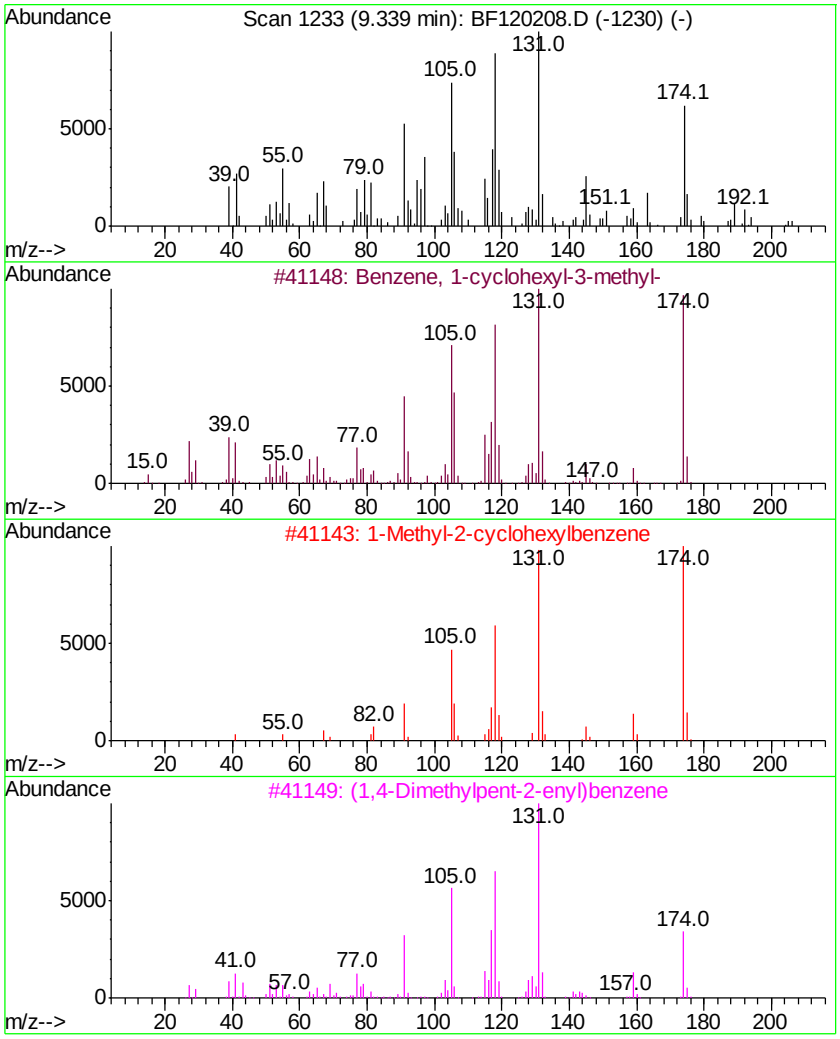
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

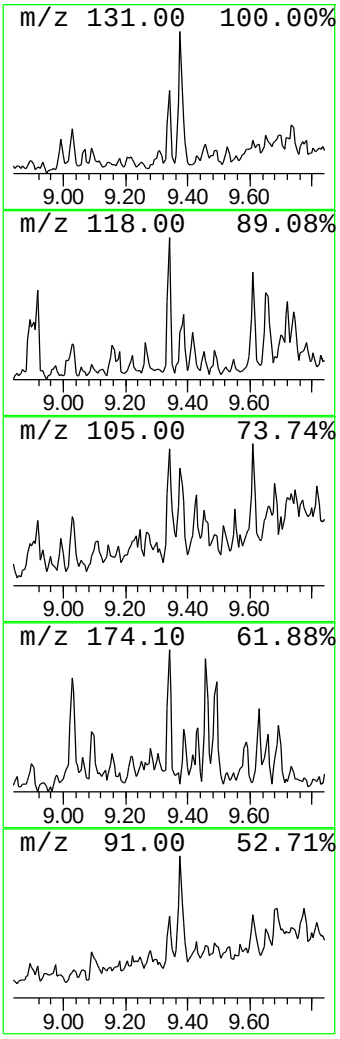
****

Peak Number 4 Benzene, 1-cyclohexyl-3-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.54 ng	182570	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	94
2	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	70
3	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	52
4	5-Bromopentanoic acid, 3-phenylp...	298	C14H19BrO2	1000293-55-7	22
5	1-Phenyl-3-dimethyl(pentafluorop...	360	C17H17F5OSi	959103-29-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

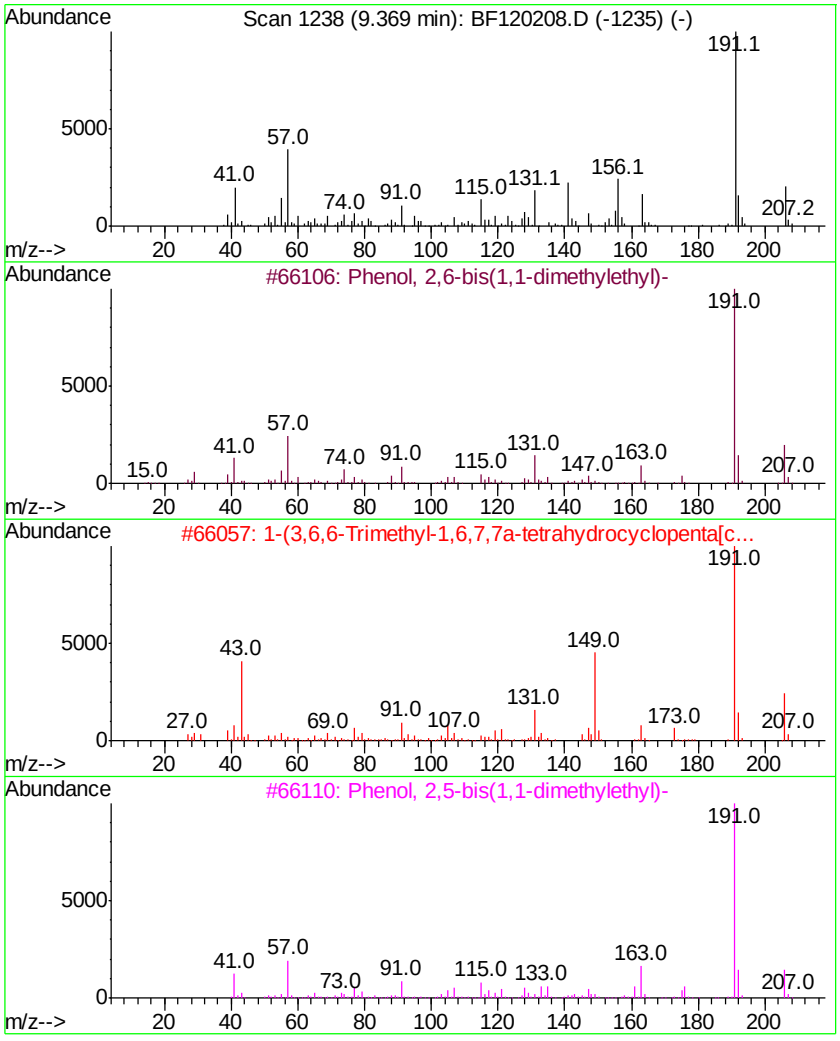
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

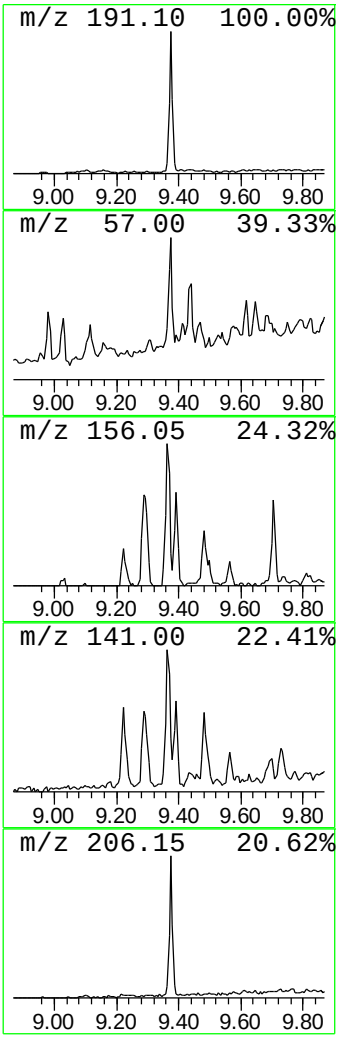
****

Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	7.91 ng	567832	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	90
2	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	87
3	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	72
4	Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	68
5	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

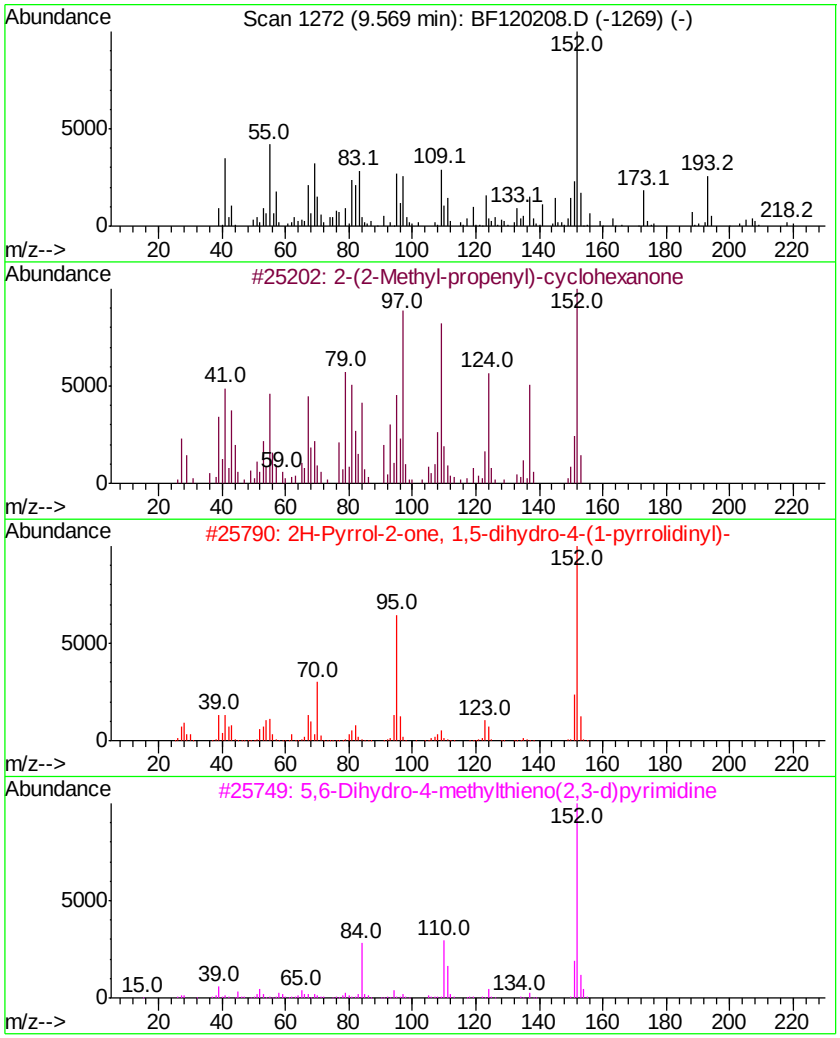
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

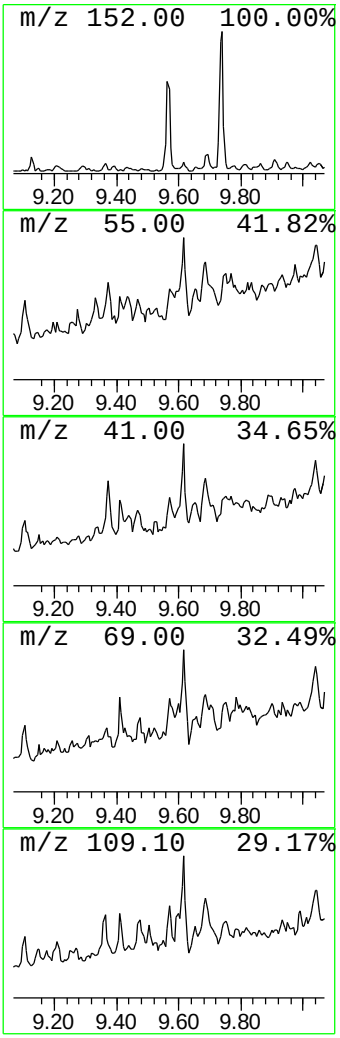
****

Peak Number 6 2-(2-Methyl-propenyl)-cyclo... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.82 ng	274114	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Methyl-propenyl)-cyclohexanone	152	C10H16O	065737-44-2	53
2	2H-Pyrrol-2-one, 1,5-dihydro-4-(...	152	C8H12N2O	105776-93-0	47
3	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	43
4	Biphenylene	152	C12H8	000259-79-0	42
5	Acenaphthylene	152	C12H8	000208-96-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

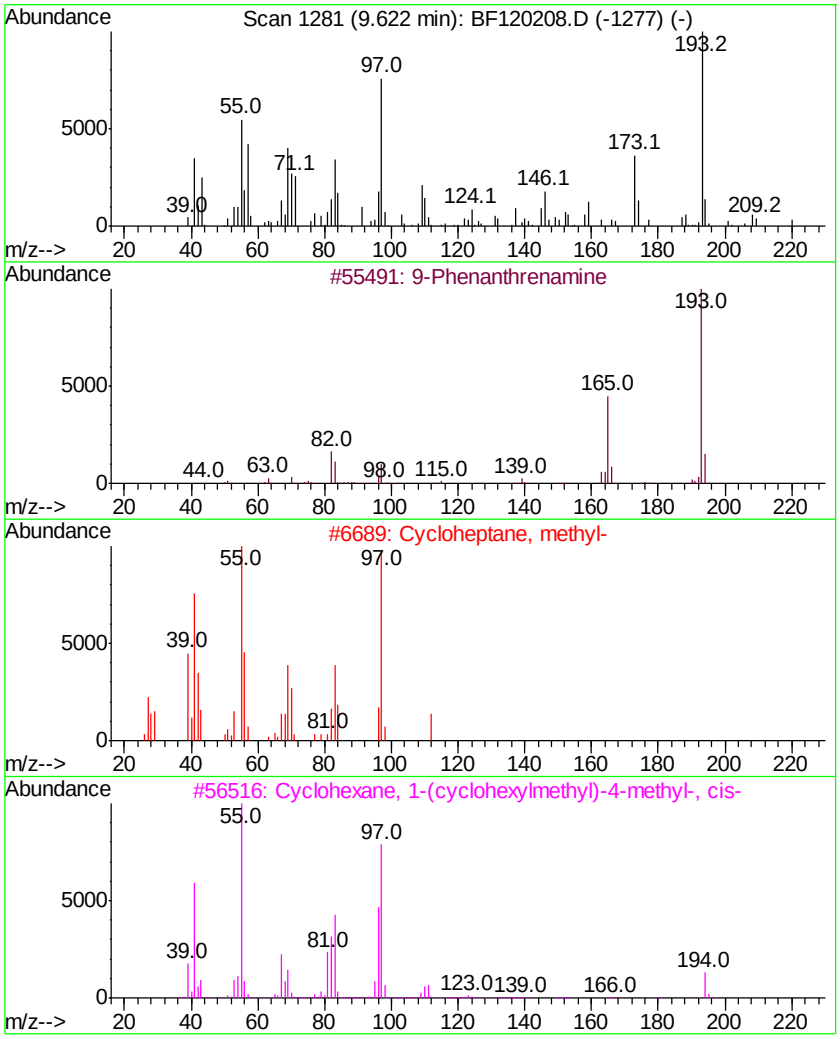
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

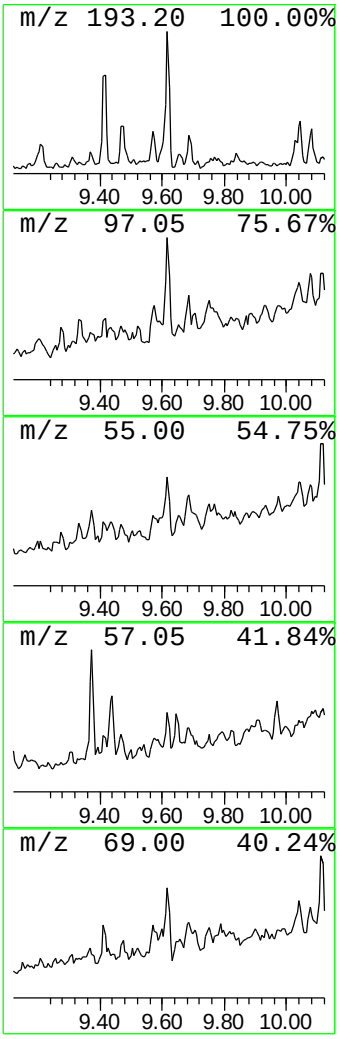
****

Peak Number 7 unknown9.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	5.93 ng	425950	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Phenanthrenamine	193	C14H11N	000947-73-9	38
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	20
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	20
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	18
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

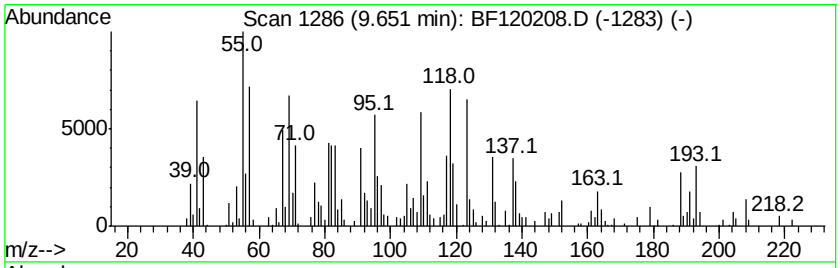
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

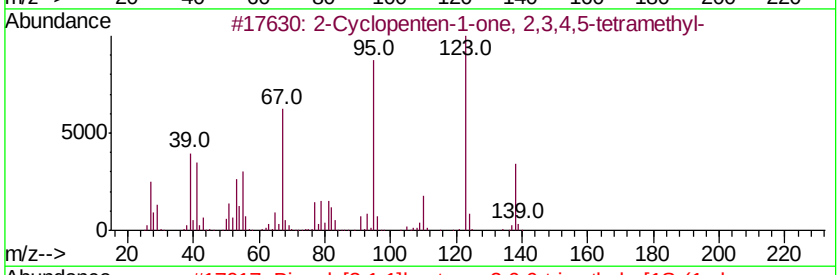
****

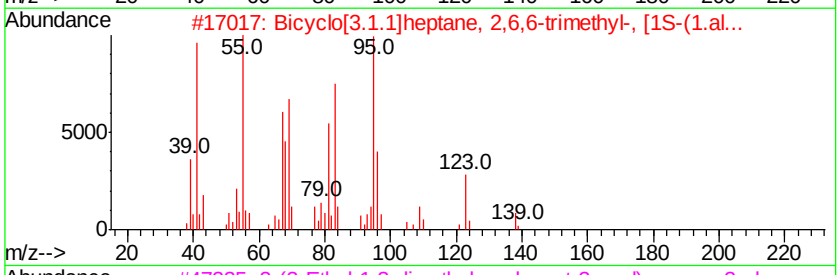
Peak Number 8 unknown9.65 Concentration Rank 14

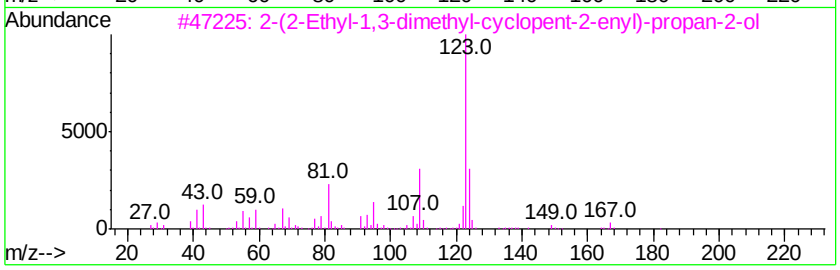
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	3.03 ng	217518	Acenaphthene-d10	9.70

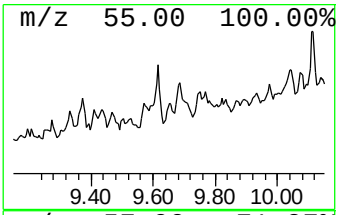
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	38
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	38
3	2-(2-Ethyl-1,3-dimethyl-cyclopen...	182	C12H22O	1000186-82-4	22
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	14
5	2-Fluorobenzoic acid, 3-phenylpr...	258	C16H15FO2	1000278-98-4	14

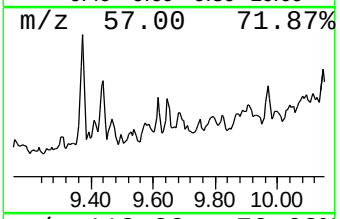


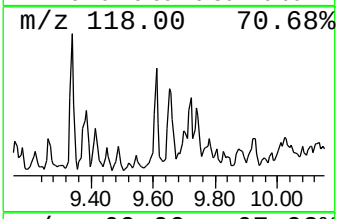


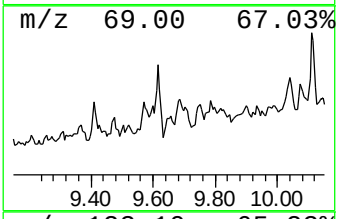


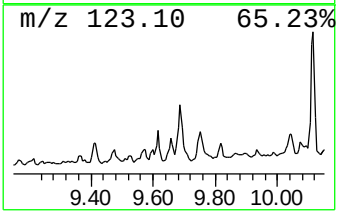












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

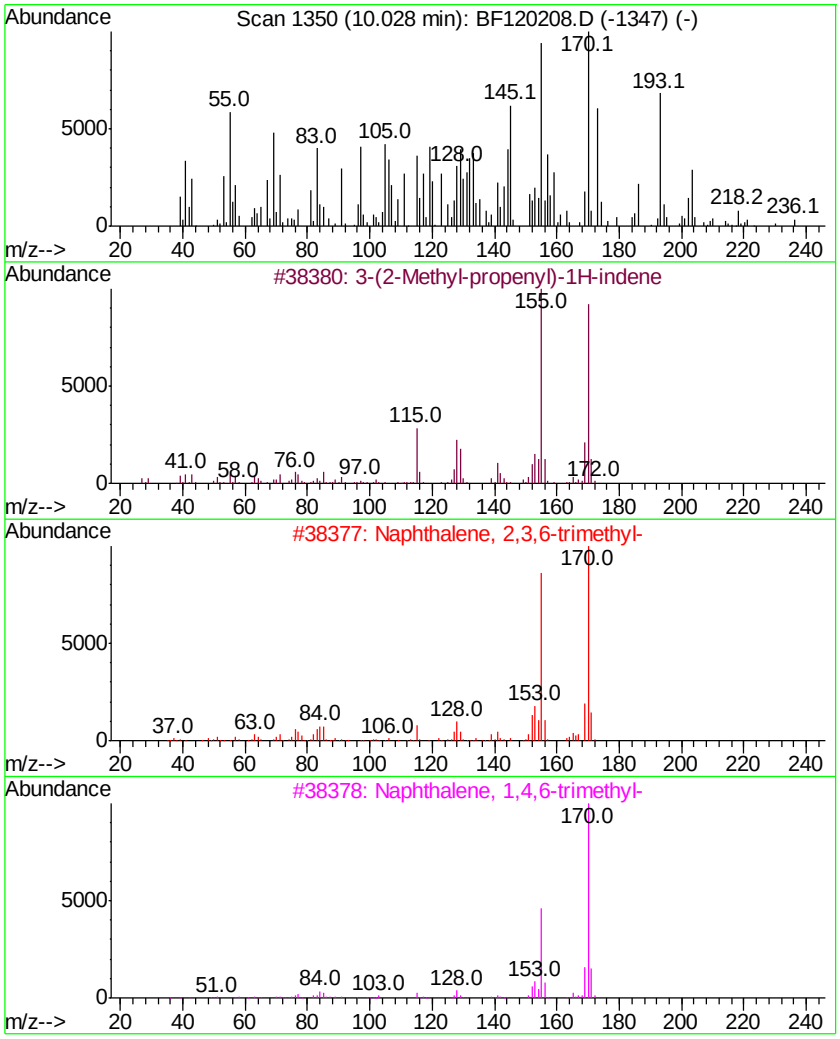
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

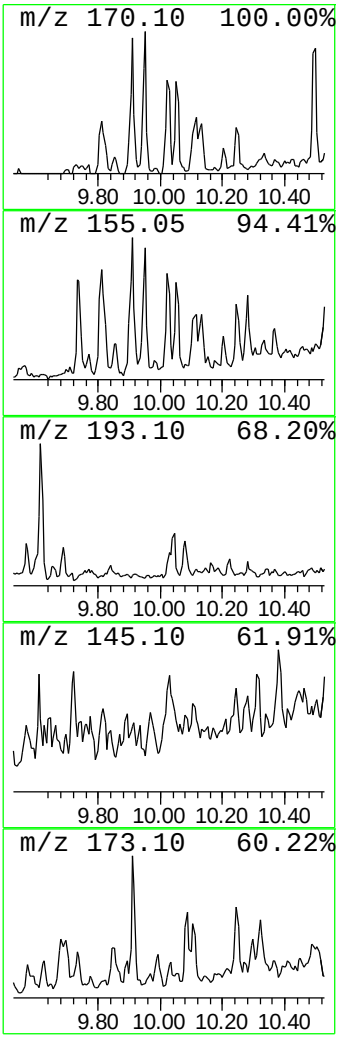
****

Peak Number 9 unknown10.03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.64 ng	189579	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	47
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	38
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

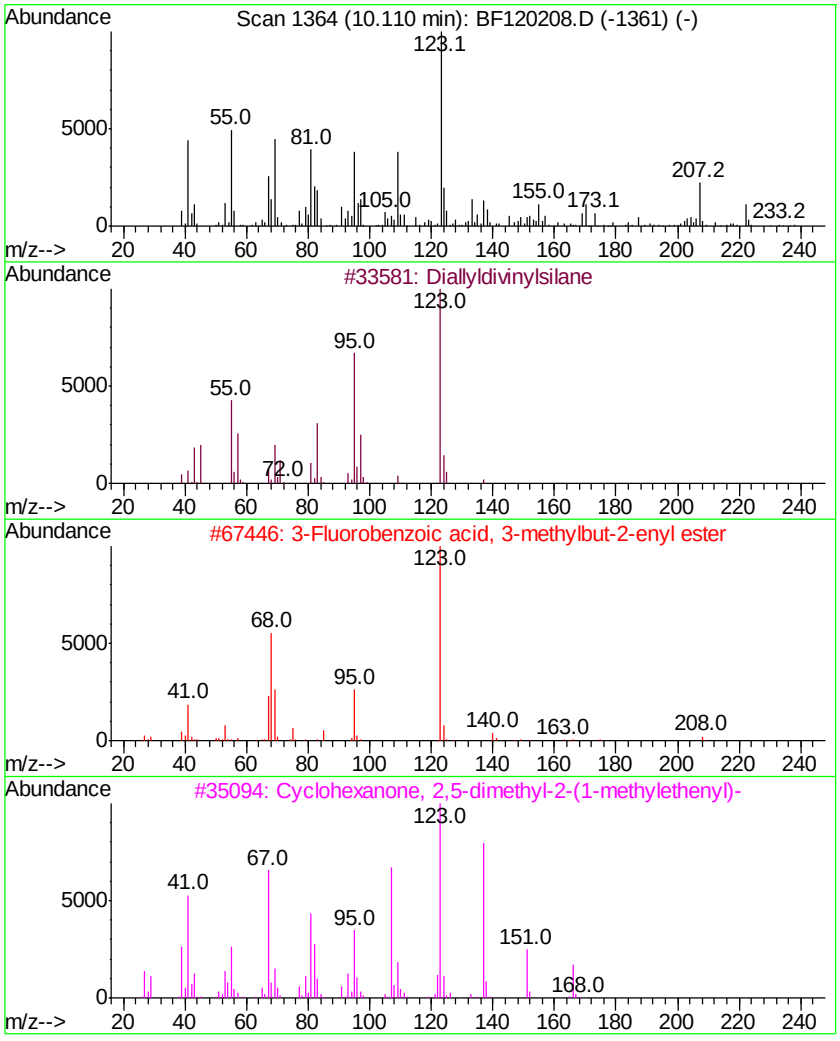
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

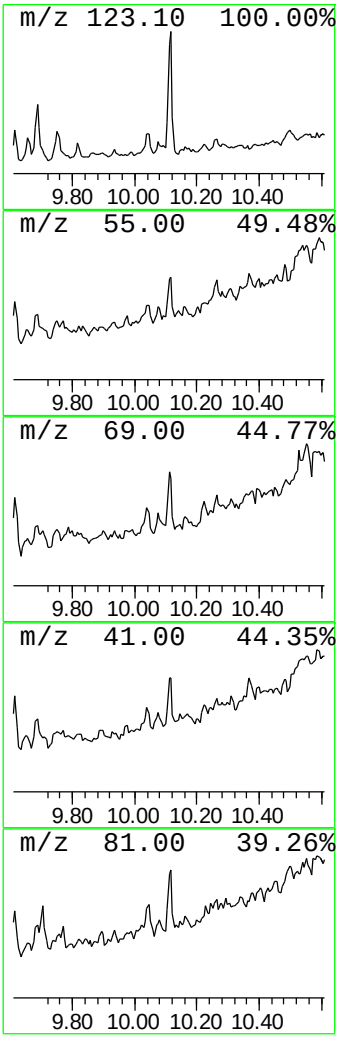
****

Peak Number 10 unknown10.11 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	5.99 ng	430553	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diallyldivinylsilane	164	C10H16Si	119901-88-1	47
2	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
3	Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	43
4	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	38
5	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

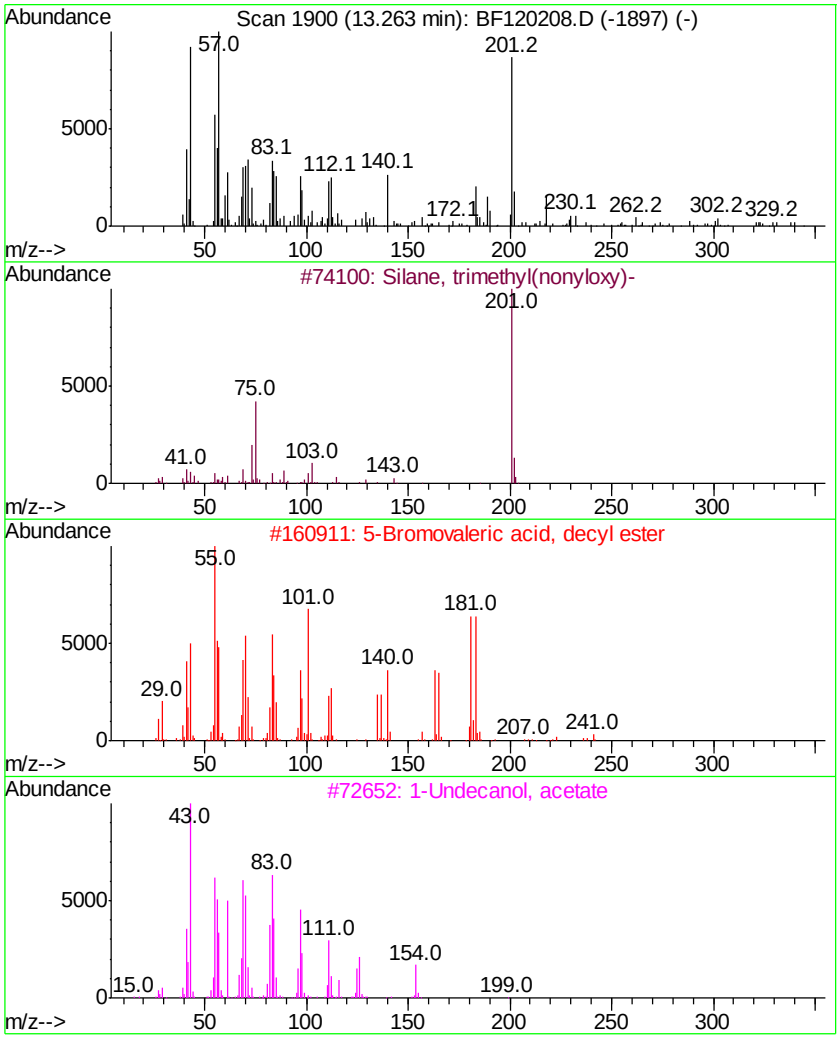
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

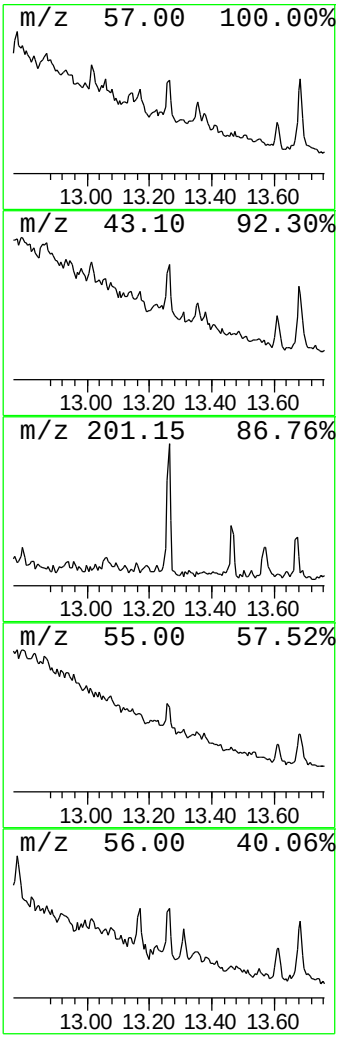
****

Peak Number 11 unknown13.26 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.30 ng	287249	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl(nonyloxy)-	216	C12H28OSi	018388-84-6	27
2	5-Bromovaleric acid, decyl ester	320	C15H29BrO2	175083-30-4	22
3	1-Undecanol, acetate	214	C13H26O2	001731-81-3	22
4	Pentafluoropropionic acid, decyl...	304	C13H21F5O2	959000-65-8	18
5	2- Bromopropionic acid, decyl ester	292	C13H25BrO2	026072-74-2	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

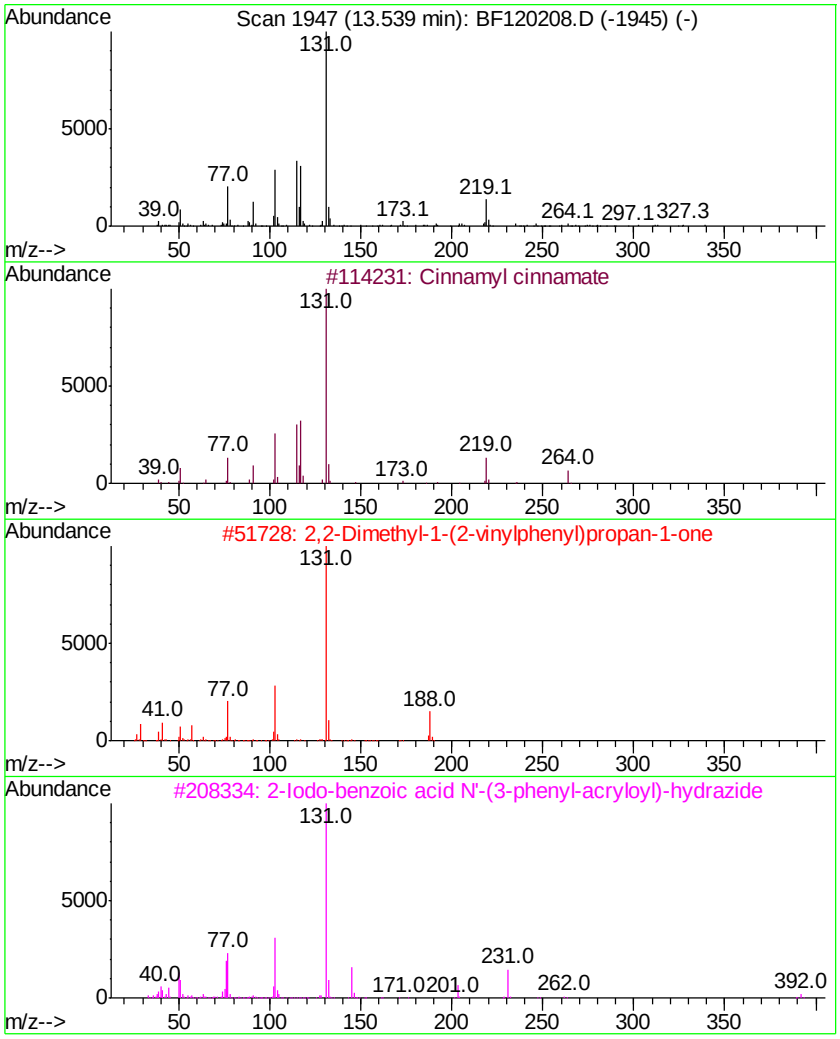
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

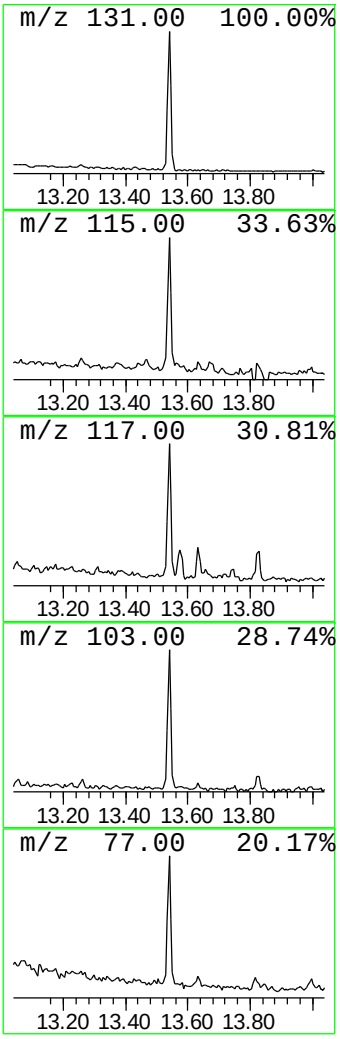
****

Peak Number 12 Cinnamyl cinnamate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.38 ng	159103	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
3	2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	50
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	50
5	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

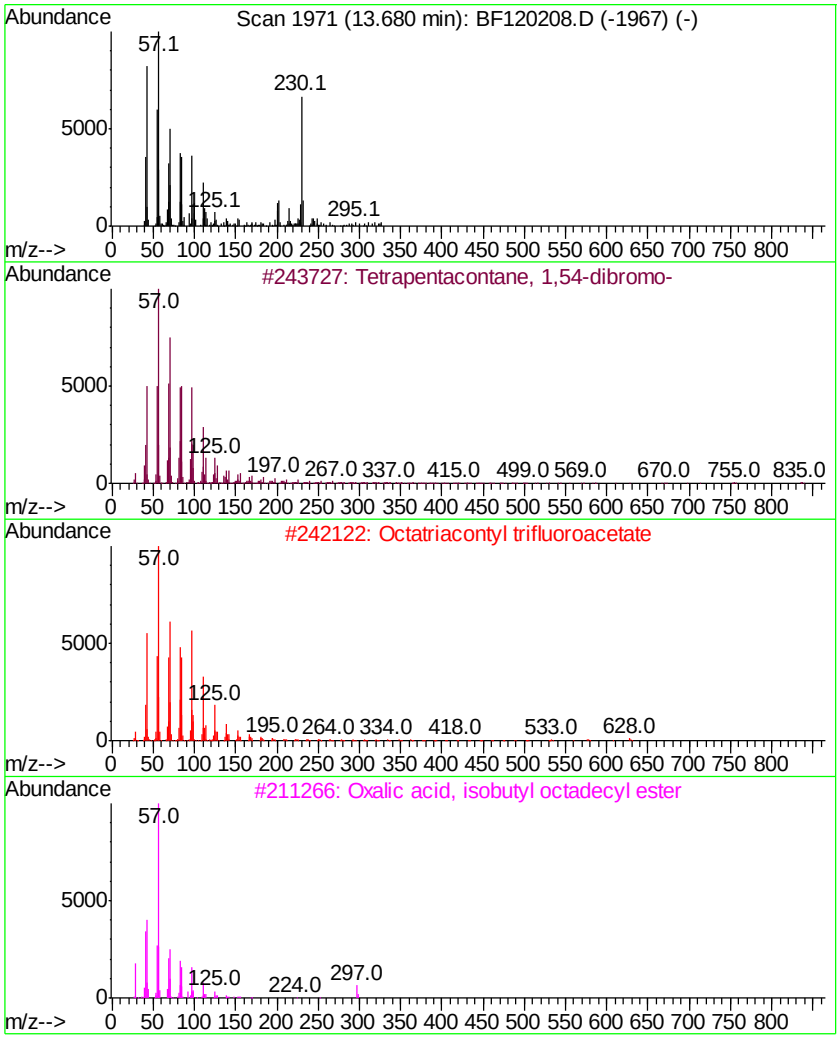
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

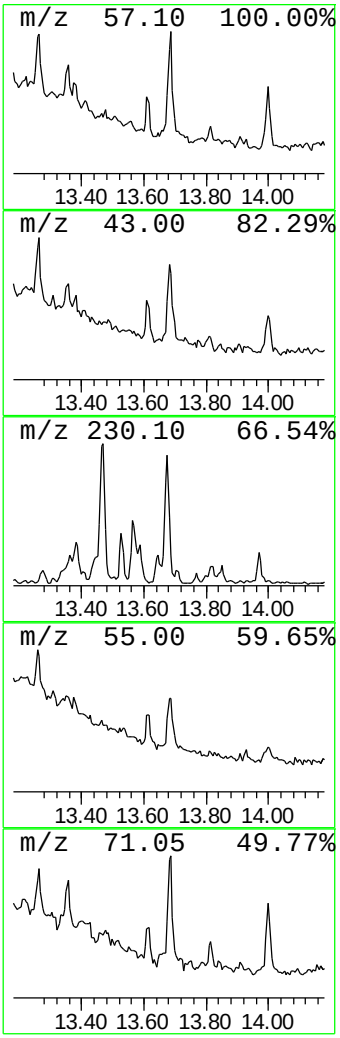
****

Peak Number 13 unknown13.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	6.87 ng	459236	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	49
2	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	46
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	46
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	43
5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

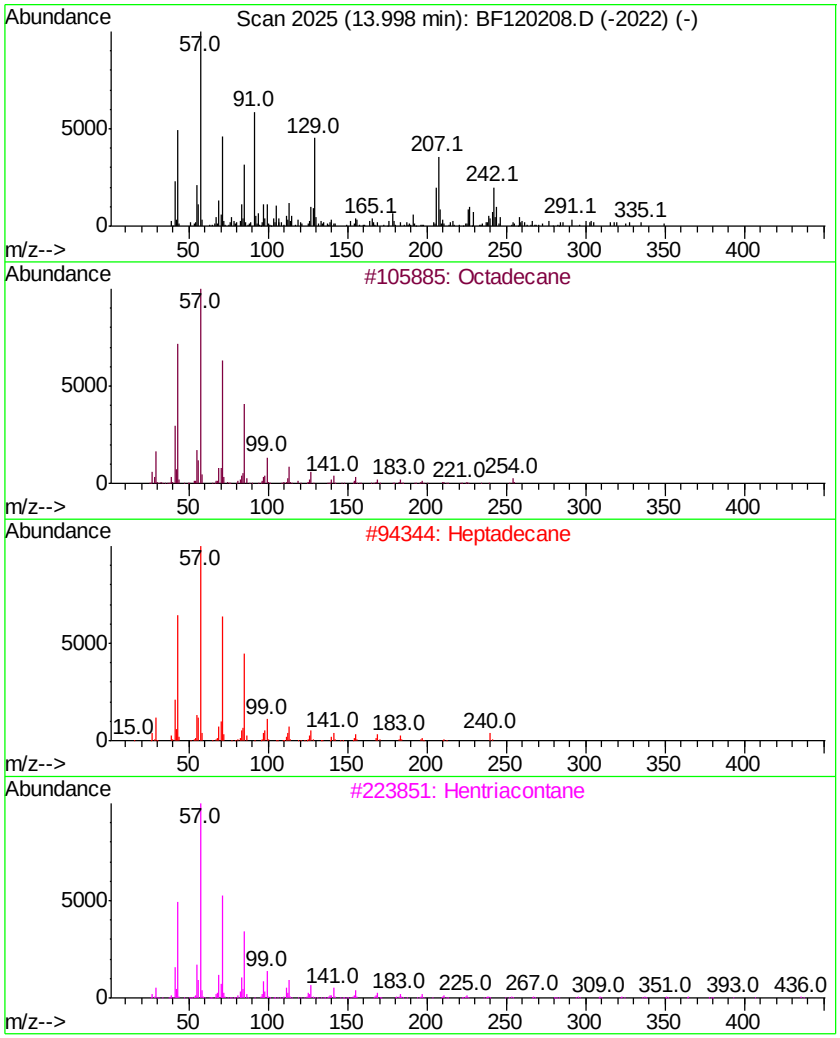
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

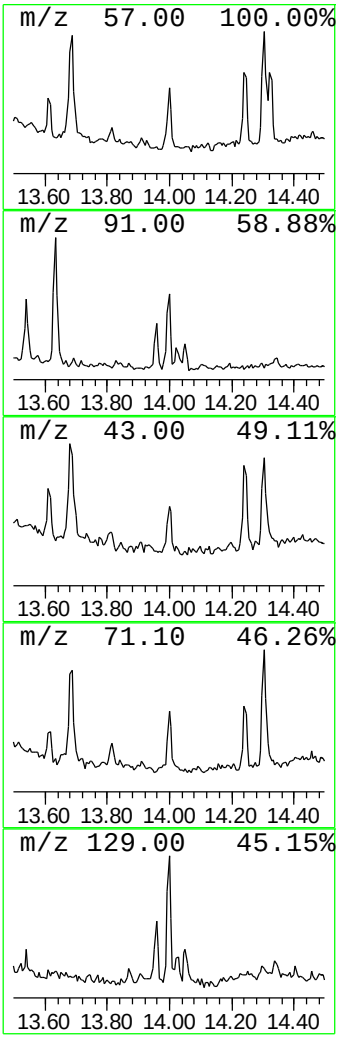
****

Peak Number 14 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	2.27 ng	151778	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	50
2	Heptadecane	240	C17H36	000629-78-7	47
3	Hentriacontane	437	C31H64	000630-04-6	35
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	25
5	Octacosane	394	C28H58	000630-02-4	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

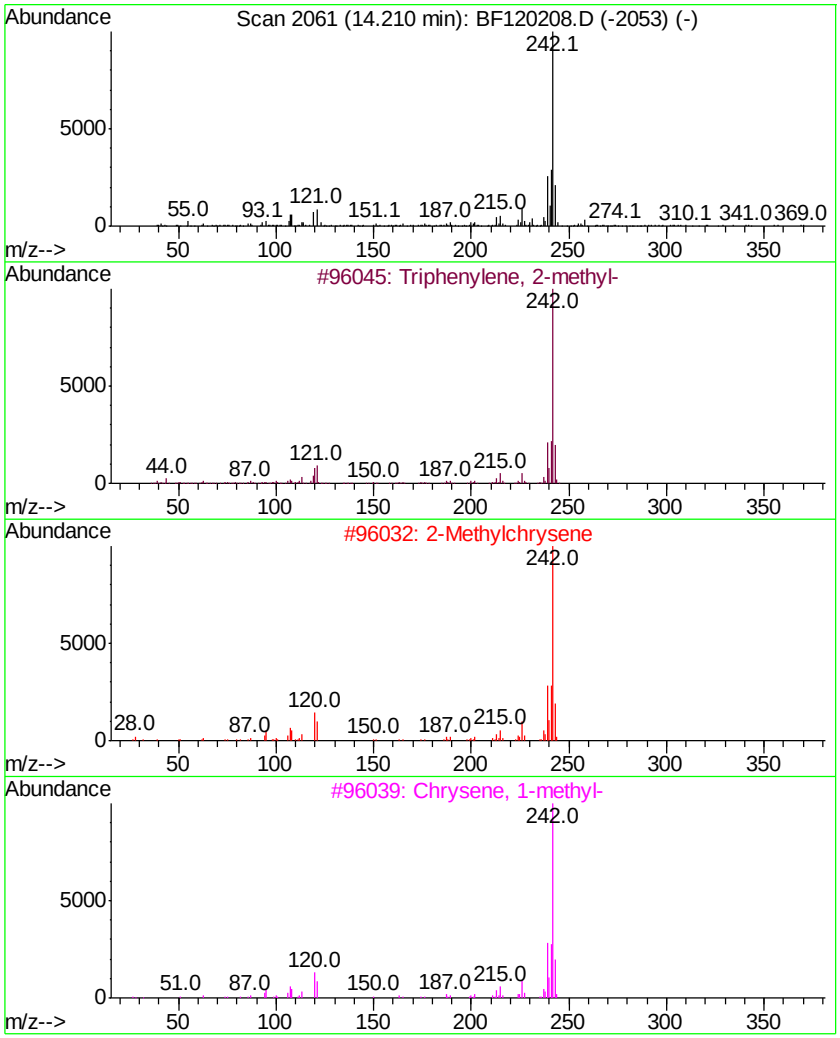
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

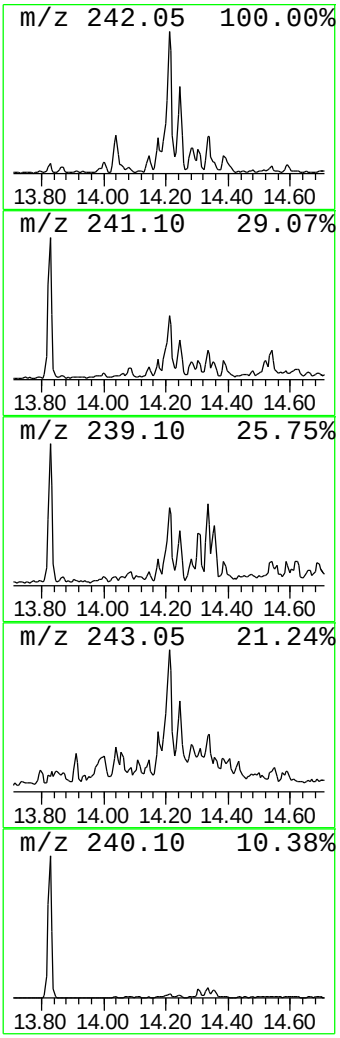
****

Peak Number 15 Triphenylene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.11 ng	408235	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
2	2-Methylchrysene	242	C19H14	003351-32-4	94
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

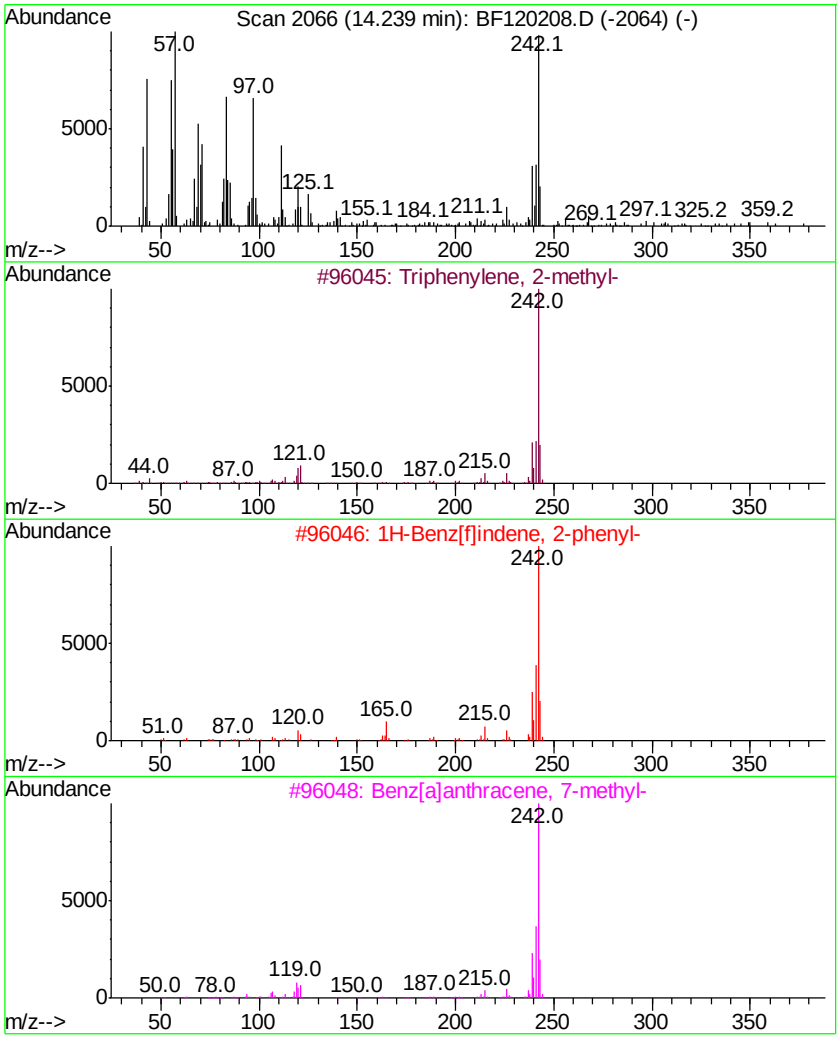
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

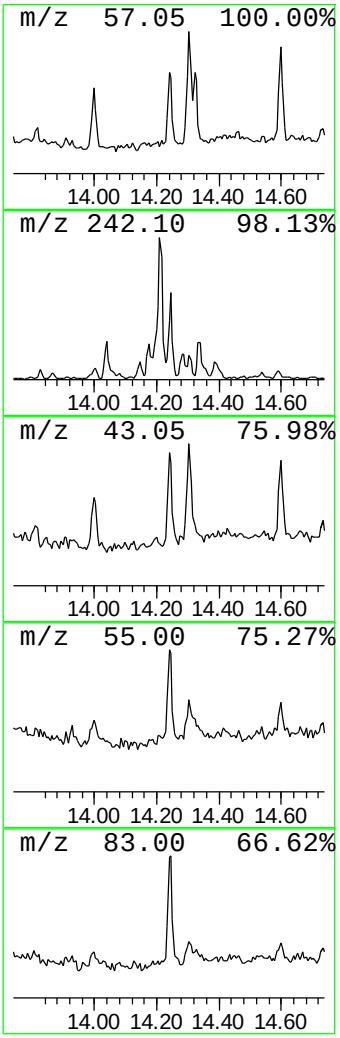
****

Peak Number 16 1H-Benz[f]indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	4.65 ng	310710	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	60
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	60
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	52
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	46
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

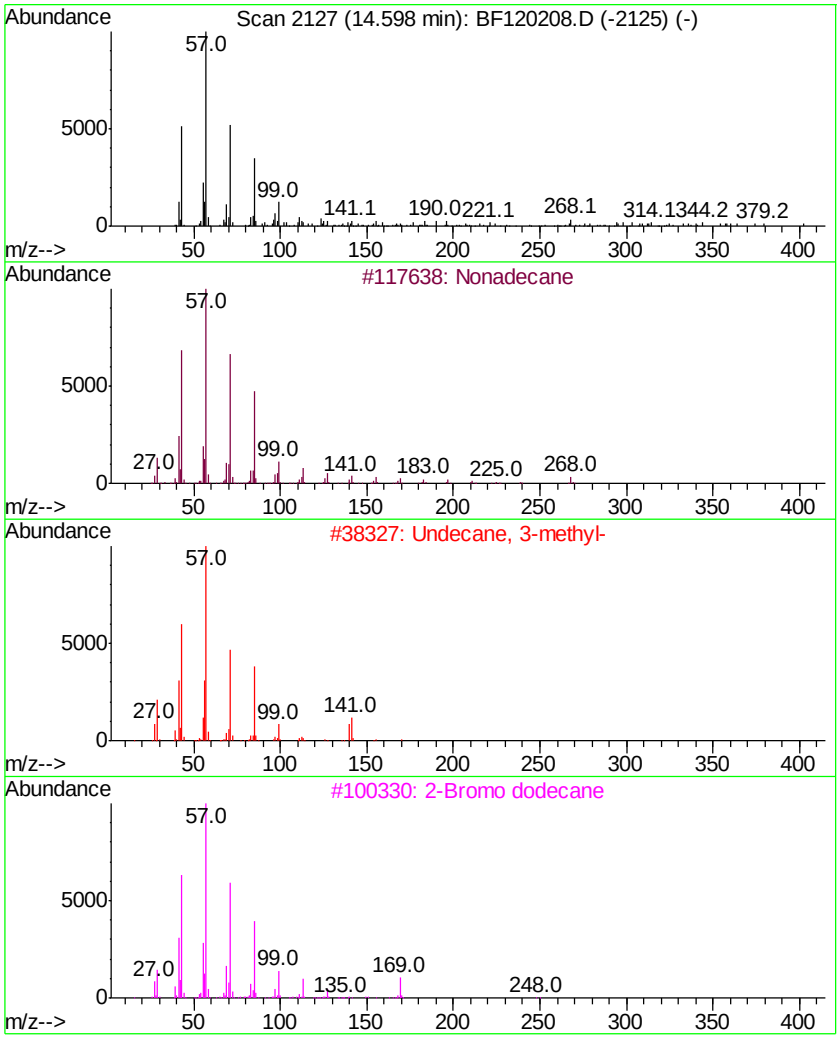
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

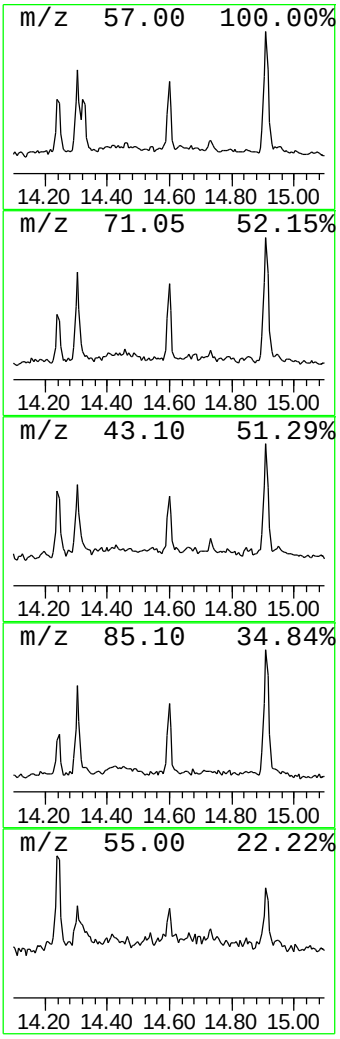
****

Peak Number 18 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.35 ng	76096	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

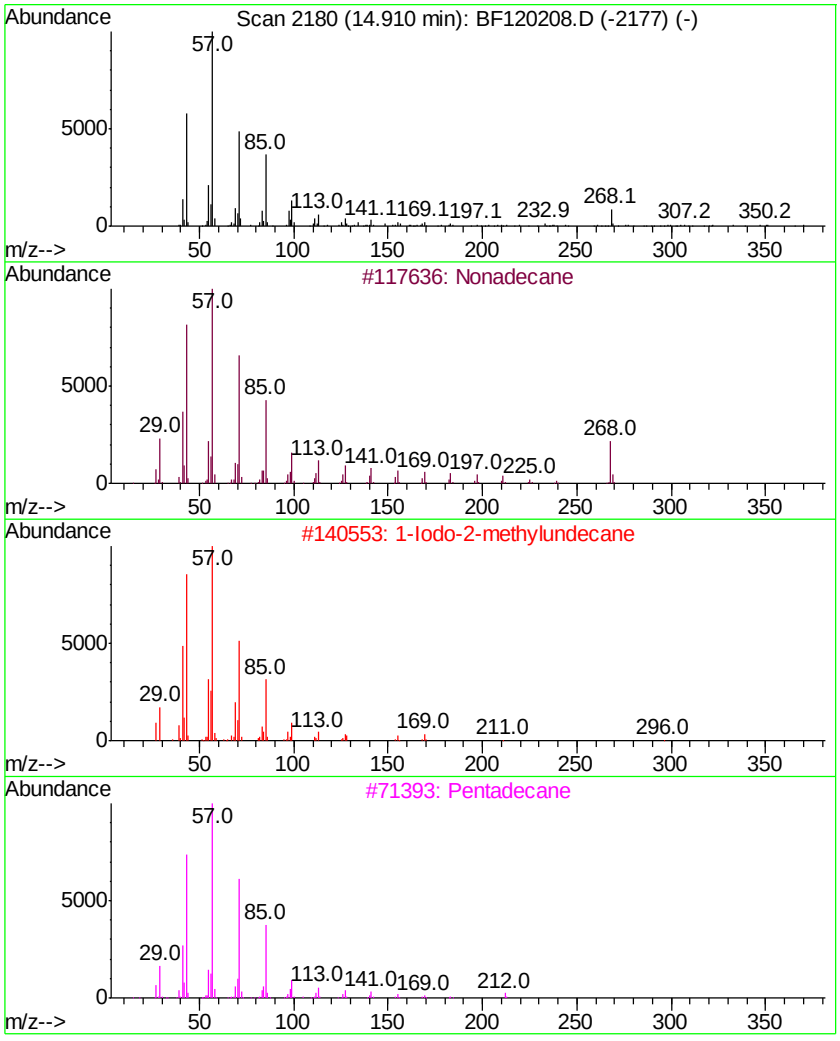
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

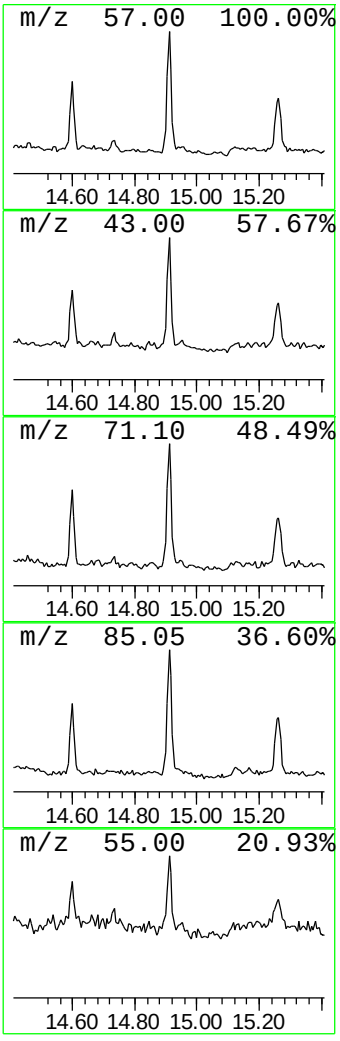
****

Peak Number 19 1-Iodo-2-methylundecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	4.56 ng	147750	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Pentadecane	212	C15H32	000629-62-9	83
4	Eicosane	282	C20H42	000112-95-8	80
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

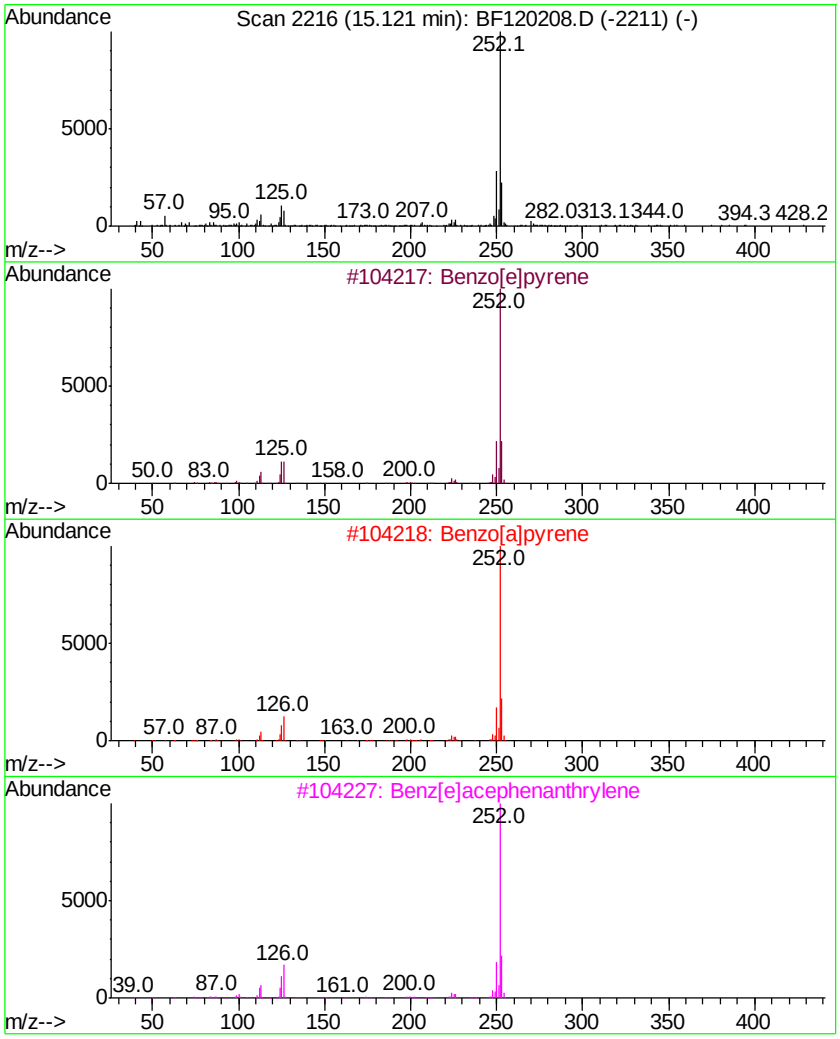
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

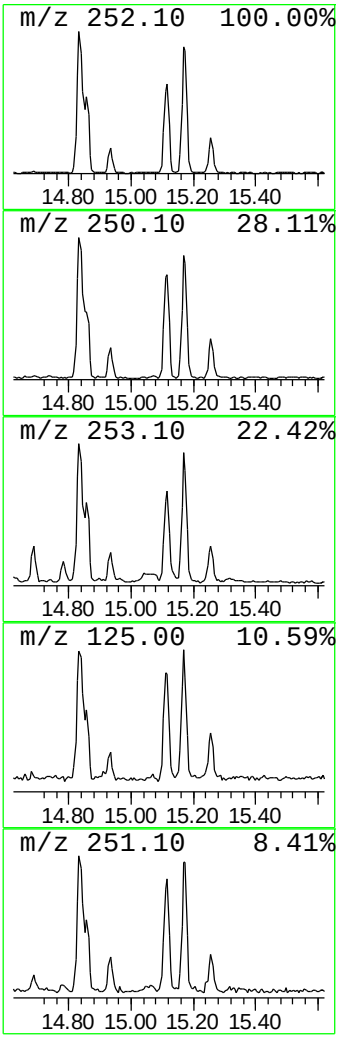
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	16.20 ng	524370	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042420\
Data File : BF120208.D
Acq On : 24 Apr 2020 17:59
Operator : MA/SJ
Sample : L2383-04
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-239

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
(1S)-2,6,6-Trimet...	5.93	5.3	ng	188482	1	6.66	716668	20.0
2-Pentanone, 4-cy...	9.10	4.8	ng	344350	3	9.70	1436480	20.0
Benzene, 1-cycloh...	9.34	2.5	ng	182570	3	9.70	1436480	20.0
Phenol, 2,6-bis(1...	9.37	7.9	ng	567832	3	9.70	1436480	20.0
2-(2-Methyl-prope...	9.57	3.8	ng	274114	3	9.70	1436480	20.0
unknown9.62	9.62	5.9	ng	425950	3	9.70	1436480	20.0
unknown9.65	9.65	3.0	ng	217518	3	9.70	1436480	20.0
unknown10.03	10.03	2.6	ng	189579	3	9.70	1436480	20.0
unknown10.11	10.11	6.0	ng	430553	3	9.70	1436480	20.0
unknown13.26	13.26	4.3	ng	287249	5	13.83	1336500	20.0
Cinnamyl cinnamate	13.54	2.4	ng	159103	5	13.83	1336500	20.0
unknown13.68	13.68	6.9	ng	459236	5	13.83	1336500	20.0
Octadecane	14.00	2.3	ng	151778	5	13.83	1336500	20.0
Triphenylene, 2-m...	14.21	6.1	ng	408235	5	13.83	1336500	20.0
1H-Benz[f]indene,...	14.24	4.7	ng	310710	5	13.83	1336500	20.0
Nonadecane	14.60	2.4	ng	76096	6	15.23	647481	20.0
1-Iodo-2-methylun...	14.91	4.6	ng	147750	6	15.23	647481	20.0
Benzo[e]pyrene	15.12	16.2	ng	524370	6	15.23	647481	20.0