LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF120518.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	5.410	561	565	568	rBV	6065332	5383042	42.25%	1.342%
2	5.651	603	606	611	rVB	1637848	1419029	11.14%	0.354%
3	6.422	732	737	743	rBV3	4007740	5733852	45.01%	1.429%
4	6.498	746	750	753	rBV	2564163	2314739	18.17%	0.577%
5	6.575	758	763	766	rBV	10192775	9855643	77.36%	2.457%
6	6.657	772	777	779	rBV	3312436	2593005	20.35%	0.646%
7	6.804	797	802	805	rVV	4398118	3977288	31.22%	0.991%
8	6.834	805	807	810	rVB2	2109584	1687270	13.24%	0.421%
9	6.869	810	813	818	rVB	4399818	3930838	30.85%	0.980%
10	6.963	826	829	832	rVV	10514409	9237555	72.51%	2.303%
11	7.098	848	852	854	rVB2	1686752	1569384	12.32%	0.391%
12	7.128	854	857	860	rBV2	3543134	3497697	27.45%	0.872%
13	7.157	860	862	867	rVB	2205988	2051709	16.10%	0.511%
14	7.210	867	871	873	rBV2	3083797	2995124	23.51%	0.747%
15	7.257	873	879	884	rVB4	753614	1432847	11.25%	0.357%
16	7.363	891	897	899	rBV2	7515963	10016902	78.63%	2.497%
17	7.392	899	902	904	rVV3	906133	1301352	10.21%	0.324%
18	7.416	904	906	910	rVB	8000678	6292301	49.39%	1.569%
19	7.463	910	914	917	rVB4	1488422	1951852	15.32%	0.487%
20	7.498	917	920	922	rBV2	1314952	1289613	10.12%	0.321%
21	7.581	932	934	936	rVB	2588585	1769368	13.89%	0.441%
22	7.604	936	938	943	rVB3	1414566	1627126	12.77%	0.406%
23	7.751	959	963	966	rVB2	1102123	1274738	10.01%	0.318%
24	7.822	971	975	979	rBV3	7696270	9603026	75.38%	2.394%
25	7.898	985	988	989	rBV	1398199	1219856	9.58%	0.304%
26	7.928	992	993	997	rVB	1380432	1136263	8.92%	0.283%
27	8.040	1007	1012	1016	rBV7	569046	1278169	10.03%	0.319%
28	8.087	1016	1020	1023	rBV2	7087530	6906165	54.21%	1.722%
29	8.234	1041	1045	1047	rBV2	1295044	1635840	12.84%	0.408%
30	8.381	1065	1070	1074	rVB4	4040029	8242978	64.70%	2.055%
31	8.439	1074	1080	1083	rBV7	2896420	5317001	41.74%	1.325%
32	8.498	1088	1090	1092	rVV2	1826610	1987067	15.60%	0.495%
33	8.522	1092	1094	1096	rVV	3817754	4017162	31.53%	1.001%
34	8.563	1098	1101	1107	rVV4	4686032	9263374	72.71%	2.309%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.622	1107	1111	1113	rVB	4653943	5311279	41.69%	1.324%
36	8.645	1113	1115	1118	rVB2	1012289	1193661	9.37%	0.298%
37	8.692	1118	1123	1125	rBV2	4430067	4762277	37.38%	1.187%
38	8.734	1127	1130	1132	rBV	1502361	1449481	11.38%	0.361%
39	8.781	1135	1138	1142	rBV3	2573993	2713855	21.30%	0.677%
40	8.822	1142	1145	1148	rBV4	1026720	1118048	8.78%	0.279%
41	8.910	1158	1160	1165	rVB3	1553121	2585763	20.30%	0.645%
42	8.975	1165	1171	1173	rBV2	3409701	4798151	37.66%	1.196%
43	9.028	1178	1180	1183	rVB2	1727935	1473439	11.57%	0.367%
44	9.057	1183	1185	1188	rBV2	3752791	4222327	33.14%	1.053%
45	9.086	1188	1190	1191	rVV	2711238	2349686	18.44%	0.586%
46	9.128	1194	1197	1199	rVV	4813277	4607716	36.17%	1.149%
47	9.169	1199	1204	1207	rVB	12919297	11870830	93.18%	2.959%
48	9.257	1214	1219	1224	rBV2	3891366	6156391	48.32%	1.535%
49	9.322	1228	1230	1235	rVB5	1604324	2000444	15.70%	0.499%
50	9.422	1241	1247	1249	rVB5	1002153	1678343	13.17%	0.418%
51	9.451	1249	1252	1254	rBV2	1379467	1512227	11.87%	0.377%
52	9.516	1259	1263	1265	rVV	4505062	6205346	48.71%	1.547%
53	9.581	1269	1274	1276	rVV2	8141407	11044846	86.70%	2.753%
54	9.598	1276	1277	1281	rVV	2467845	2104933	16.52%	0.525%
55	9.639	1281	1284	1287	rVV3	3184812	3415969	26.81%	0.852%
56	9.716	1294	1297	1298	rBV	1809038	1555203	12.21%	0.388%
57	9.757	1301	1304	1306	rVV3	1159620	1460969	11.47%	0.364%
58	9.786	1306	1309	1311	rVV	2886385	2923174	22.95%	0.729%
59	9.845	1314	1319	1322	rVB2	5088297	6694755	52.55%	1.669%
60	10.016	1345	1348	1351	rBV2	2766857	3522225	27.65%	0.878%
61	10.045	1351	1353	1356	rVV	2801257	2984583	23.43%	0.744%
62	10.075	1356	1358	1360	rVV	2051767	1907768	14.97%	0.476%
63	10.110	1361	1364	1367	rVV2	3923348	4674445	36.69%	1.165%
64	10.145	1367	1370	1372	rVB	2126394	1664370	13.06%	0.415%
65	10.286	1391	1394	1397	rVB	1883661	1959478	15.38%	0.488%
66	10.322	1397	1400	1405	rBV3	1169845	2102877	16.51%	0.524%
67	10.410	1413	1415	1419	rVB3	1338953	1403476	11.02%	0.350%
68	10.510	1427	1432	1434	rBV	4813077	5812834	45.63%	1.449%
69	10.604	1443	1448	1449	rBV2	3107356	4093207	32.13%	1.020%
70	10.628	1449	1452	1456	rVB2	7367894	7932199	62.26%	1.977%
71	10.775	1469	1477	1482	rBV3	7461755	12244645	96.11%	3.052%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF120518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.822	1482	1485	1488	rVV	9278519	9432822	74.04%	2.351%
73	10.857	1488	1491	1494	rVV2	11233674	12739775	100.00%	3.176%
74	10.892	1494	1497	1499	rVV2	10339826	10145162	79.63%	2.529%
75	10.916	1499	1501	1503	rVB	6959185	4951059	38.86%	1.234%
76	10.957	1503	1508	1509	rBV2	5896099	7317975	57.44%	1.824%
77	11.004	1512	1516	1519	rVV3	7371954	9656109	75.79%	2.407%
78	11.039	1519	1522	1524	rVV	9259758	8640048	67.82%	2.154%
79	11.080	1527	1529	1531	rVB2	5881583	4453970	34.96%	1.110%
80	11.239	1553	1556	1562	rVB	7048712	8470225	66.49%	2.112%
81	11.286	1562	1564	1566	rBV2	1264037	1285796	10.09%	0.321%
82	11.328	1568	1571	1573	rVB	3061505	2658448	20.87%	0.663%
83	11.386	1579	1581	1586	rVB	2060562	2794808	21.94%	0.697%
84	11.457	1590	1593	1595	rBV	1403730	1199985	9.42%	0.299%
85	11.480	1595	1597	1600	rBV	1402353	1332320	10.46%	0.332%
86	11.516	1601	1603	1606	rVB	2261616	1929240	15.14%	0.481%
87	11.551	1606	1609	1613	rVB2	2107528	1843408	14.47%	0.460%
88	11.592	1613	1616	1619	rBV	2727164	2678332	21.02%	0.668%
89	11.798	1648	1651	1657	rBV2	2684249	3332216	26.16%	0.831%
90	11.869	1660	1663	1665	rBV	3737782	3334638	26.18%	0.831%
91	11.892	1665	1667	1671	rVB2	1488645	1399500	10.99%	0.349%
92	11.927	1671	1673	1675	rBV	1213286	1201979	9.43%	0.300%
93	11.980	1680	1682	1686	rVB	1641070	1388265	10.90%	0.346%
94	12.104	1700	1703	1706	rVB2	1215765	1305113	10.24%	0.325%
95	12.386	1748	1751	1756	rVB	1020587	1140524	8.95%	0.284%
96	12.569	1780	1782	1788	rVB3	933502	1385952	10.88%	0.346%
97	12.645	1792	1795	1803	rVB	2681513	3313792	26.01%	0.826%
98	12.910	1836	1840	1843	rBV	9084602	8022311	62.97%	2.000%
99	13.957	2014	2018	2021	rVB	2847072	2725048	21.39%	0.679%
100	15.392	2257	2262	2266	rVV	1463787	1742752	13.68%	0.434%

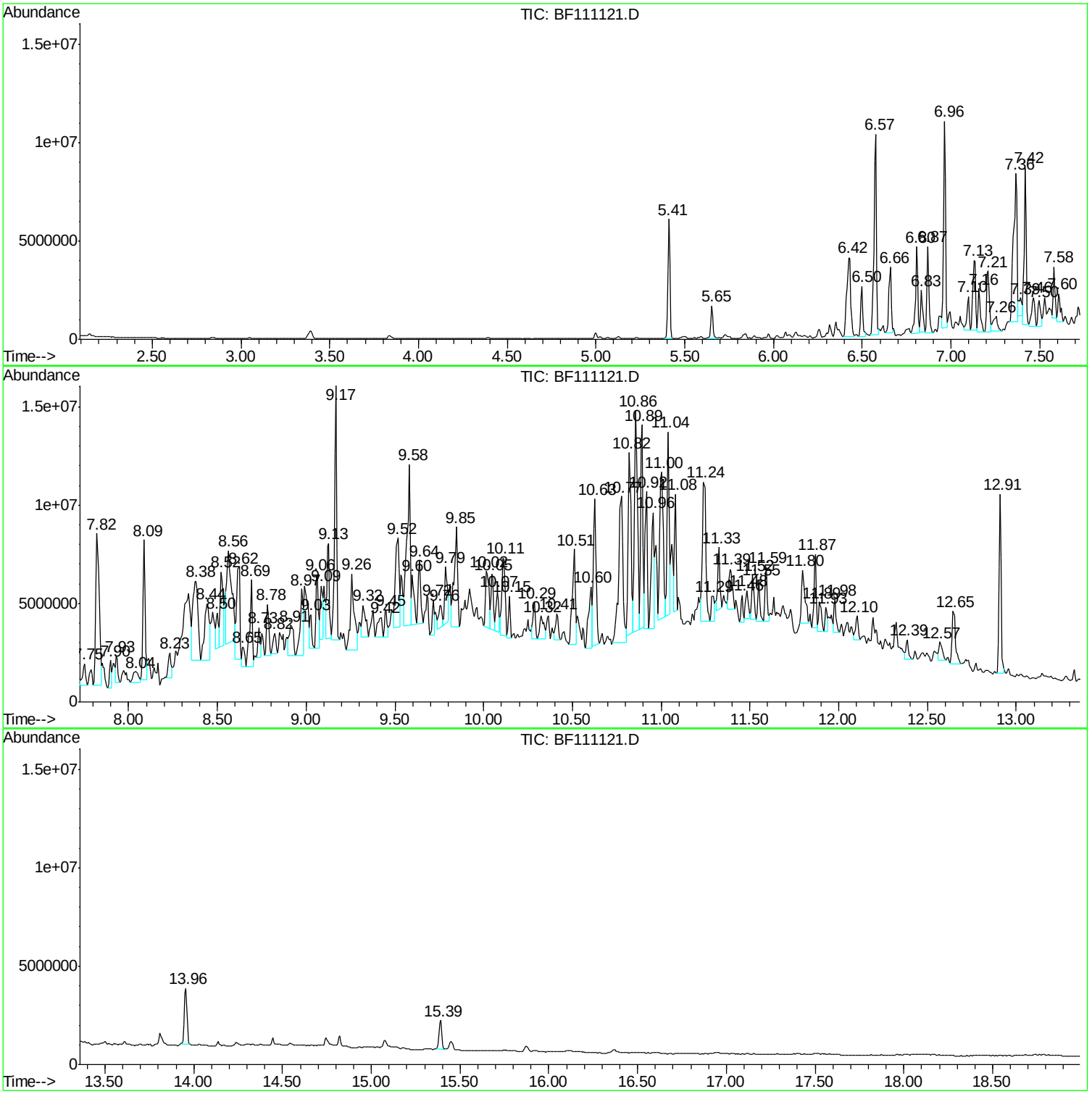
Sum of corrected areas: 401141967

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

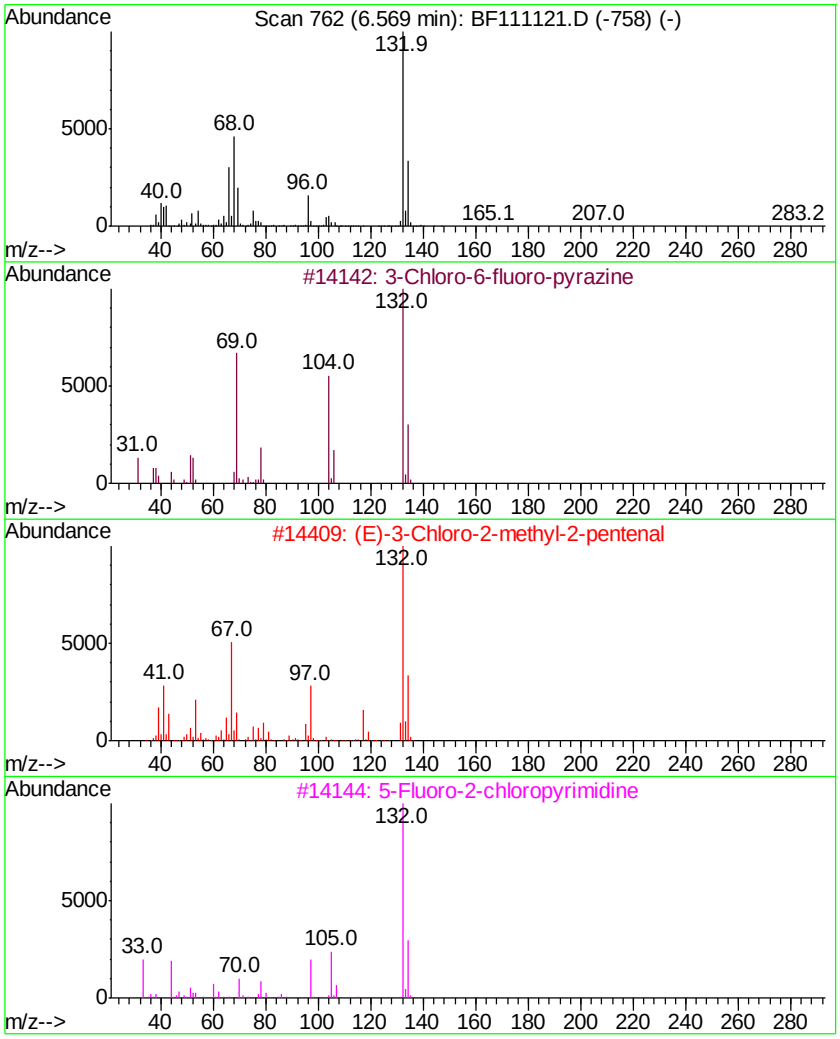
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

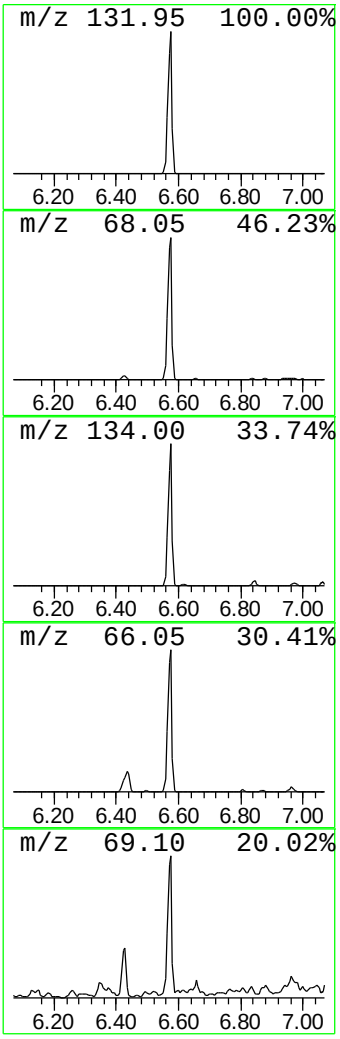
****

Peak Number 1 unknown6.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	49.56 ng	9855640	1,4-Dichlorobenzene-d4	6.80

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

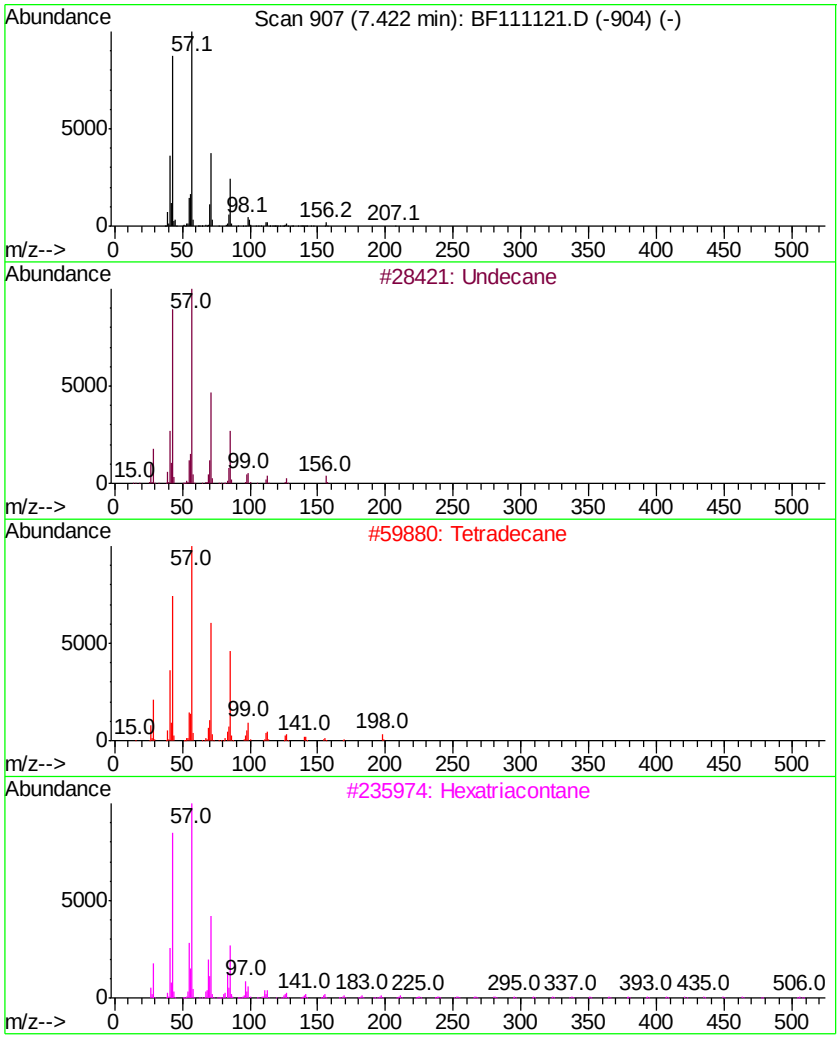
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

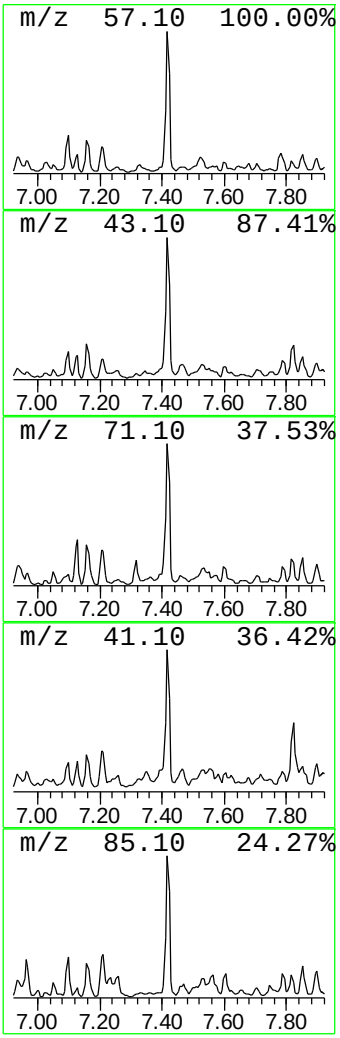
****

Peak Number 3 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	31.64 ng	6292300	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Tetradecane	198	C14H30	000629-59-4	83
3	Hexatriacontane	507	C36H74	000630-06-8	72
4	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64
5	Nonane	128	C9H20	000111-84-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

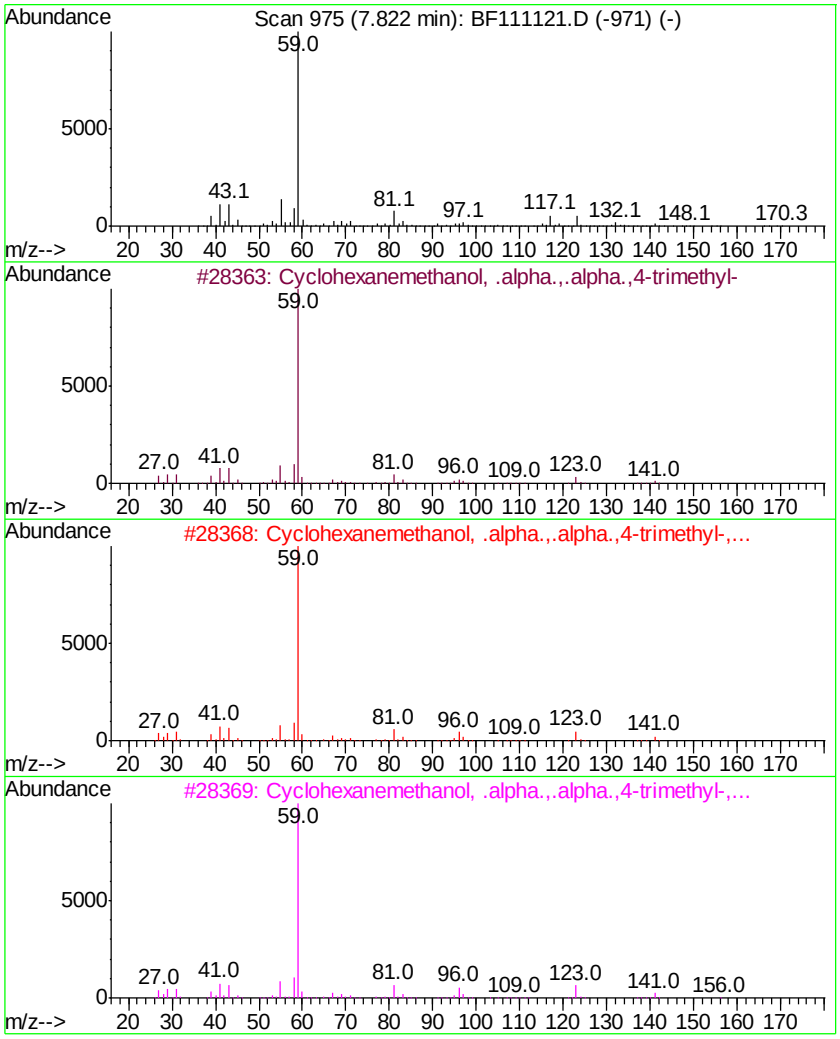
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

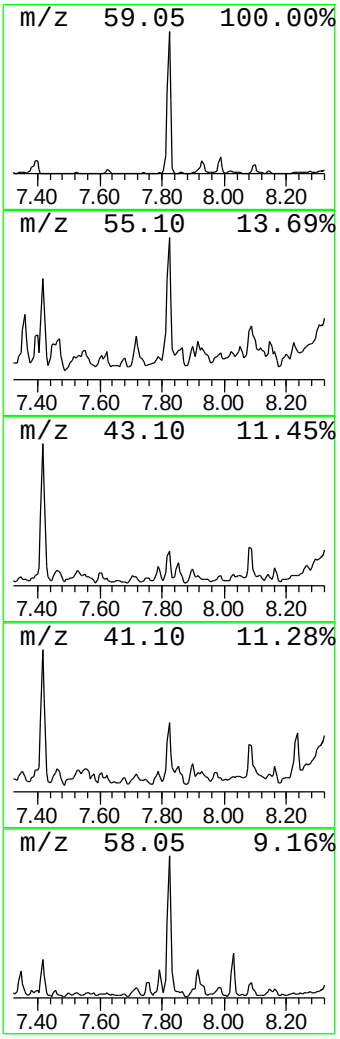
****

Peak Number 4 Cyclohexanemethanol, .alpha... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	27.81 ng	9603030	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	72
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	72
4	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	59
5	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

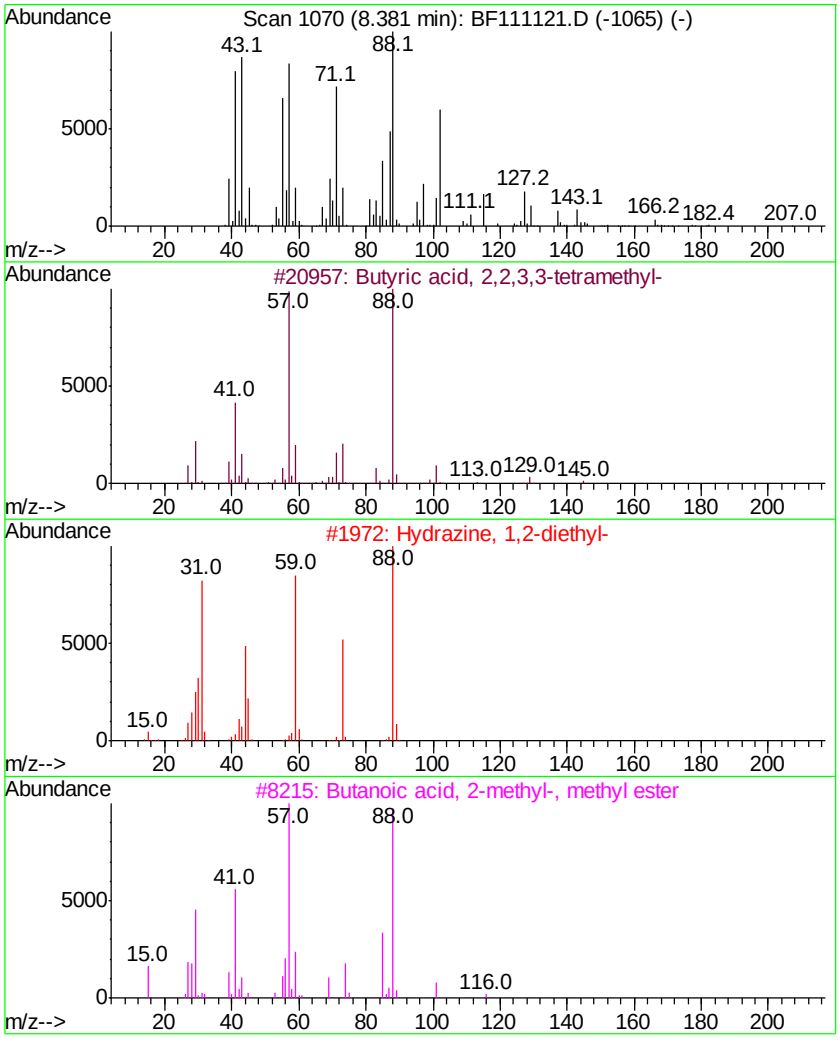
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

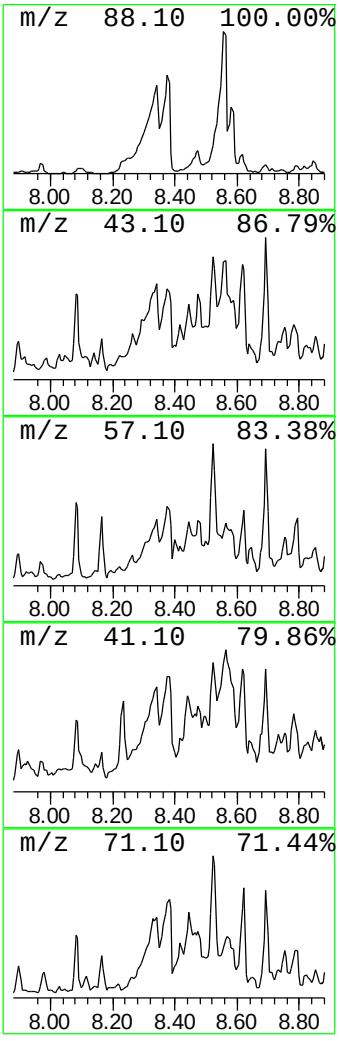
****

Peak Number 5 unknown8.38 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	23.87 ng	8242980	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	27
2	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	27
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	27
4	Pentanoic acid, 4-methyl-, methy...	130	C7H14O2	002412-80-8	14
5	Hexanoic acid, 3-hydroxy-, ethyl...	160	C8H16O3	002305-25-1	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

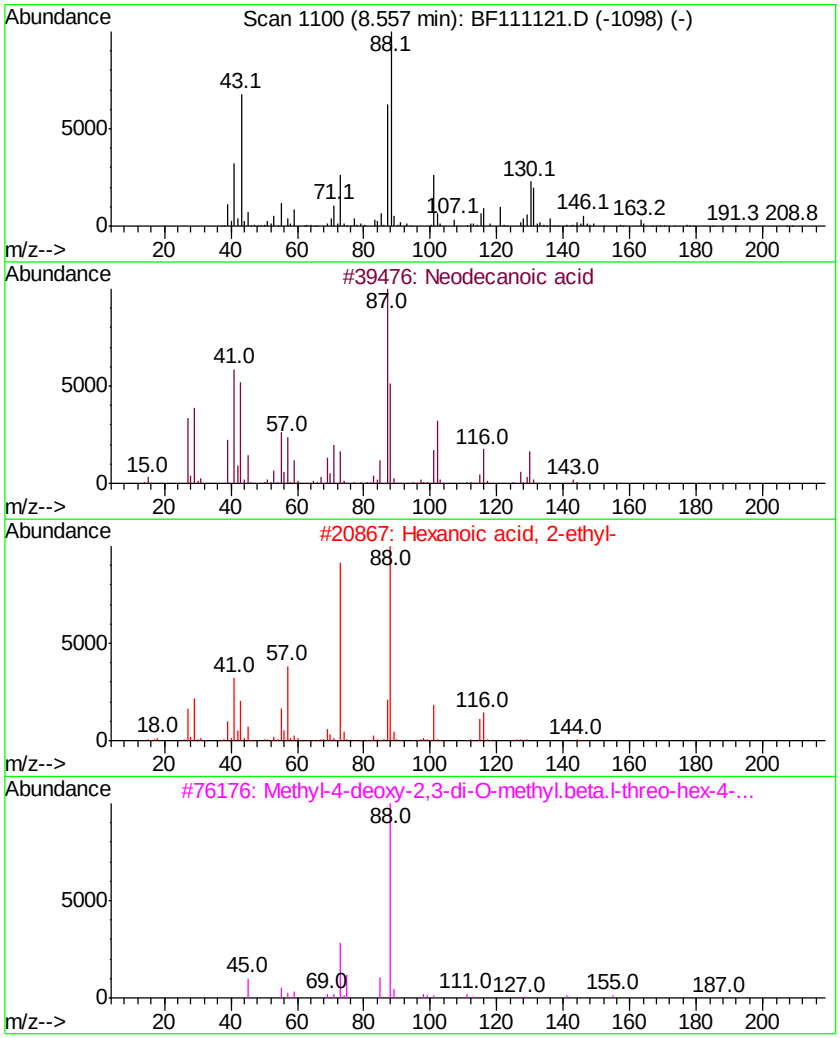
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

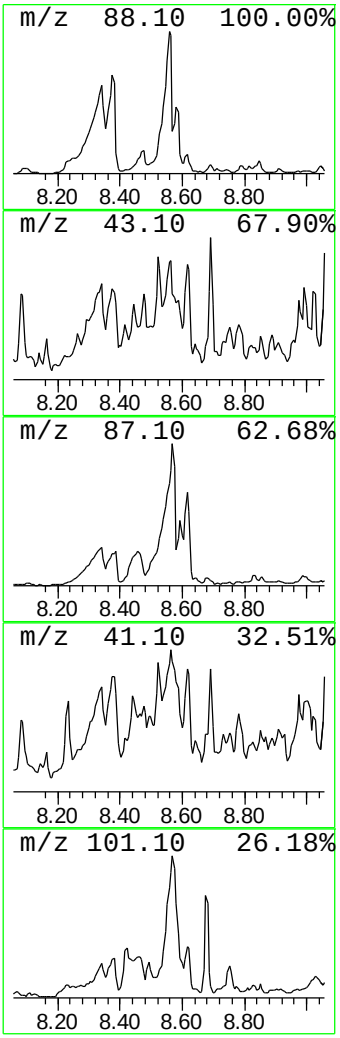
****

Peak Number 6 unknown8.56 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	26.83 ng	9263370	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neodecanoic acid	172	C10H20O2	026896-20-8	37
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	30
3	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	27
4	Nonanoic acid, 2,4,6-trimethyl-,...	214	C13H26O2	018450-81-2	27
5	Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

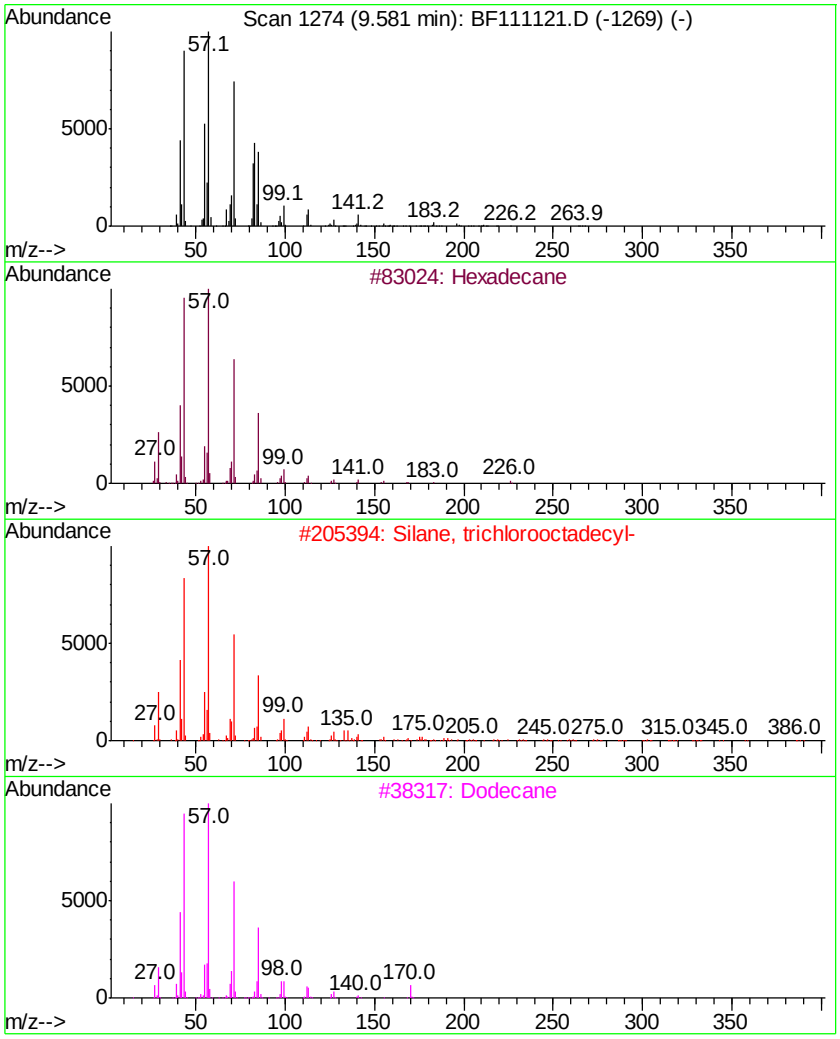
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

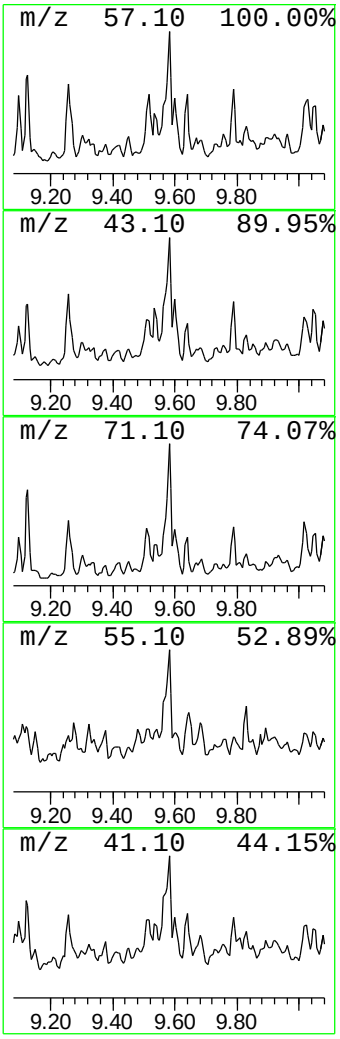
****

Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	33.00 ng	11044800	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	70
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
3	Dodecane	170	C12H26	000112-40-3	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Tetradecane	198	C14H30	000629-59-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

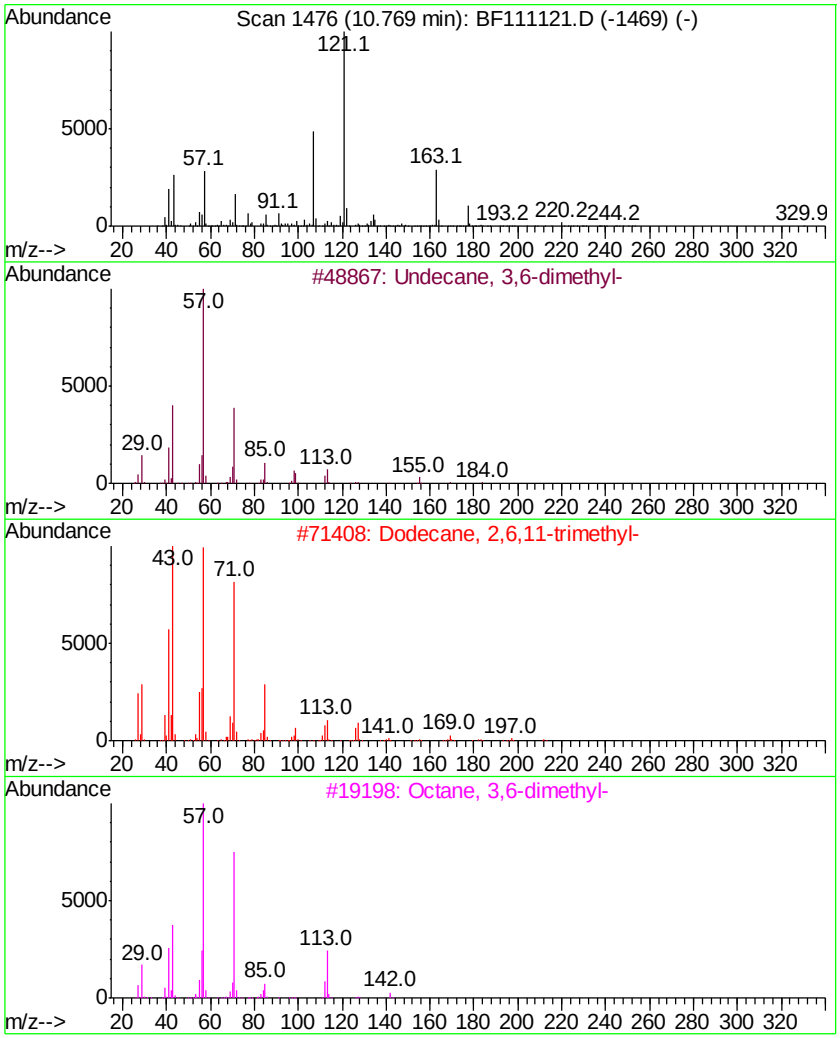
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

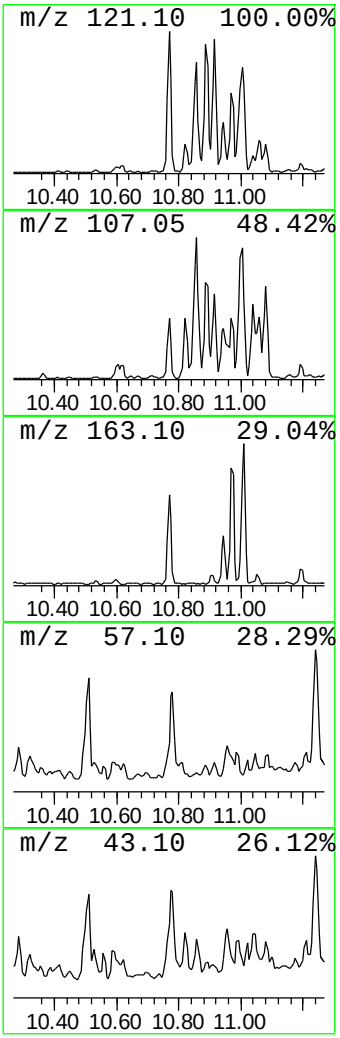
****

Peak Number 8 unknown10.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	92.12 ng	12244600	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	42
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4	Hexadecane	226	C16H34	000544-76-3	22
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

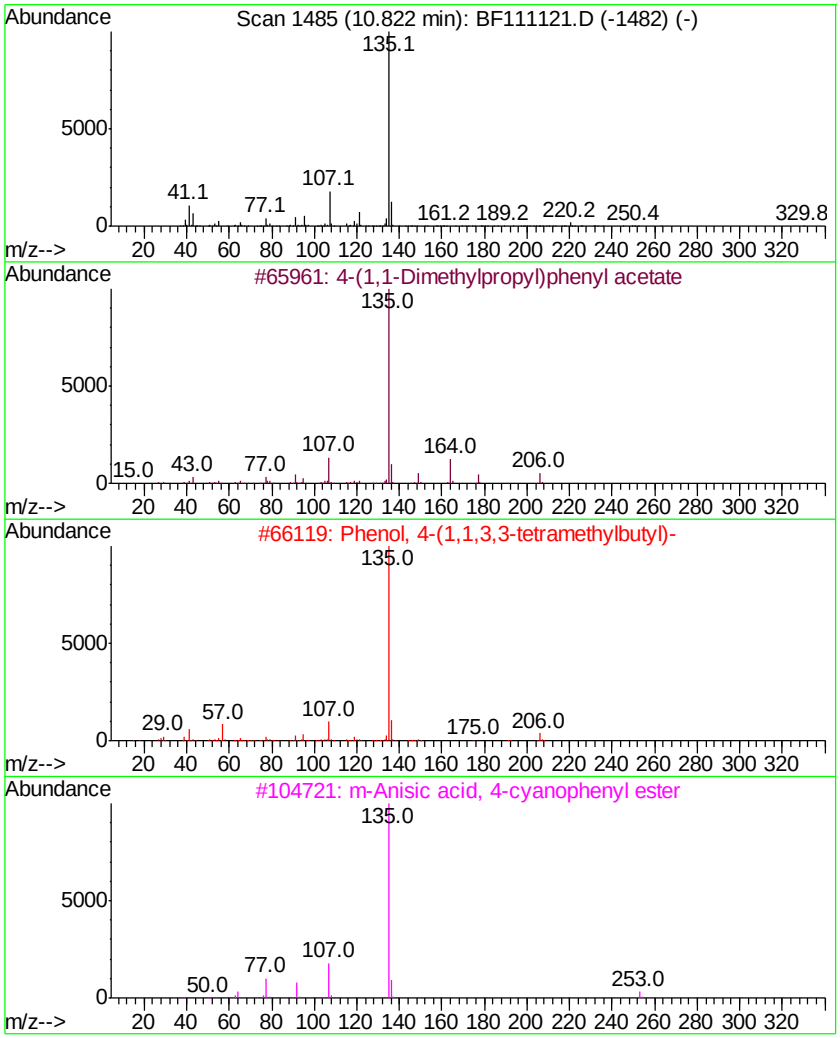
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

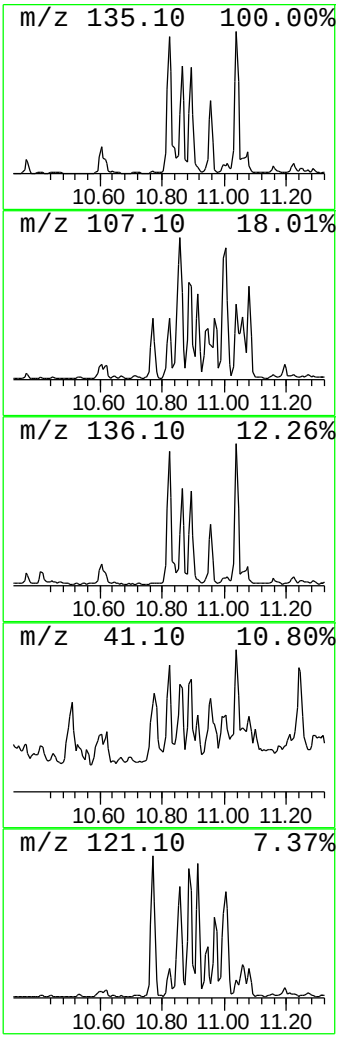
****

Peak Number 9 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	70.96 ng	9432820	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	m-Anisic acid, 4-cyanophenyl ester	253	C15H11NO3	1000307-80-2	64
4	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	64
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

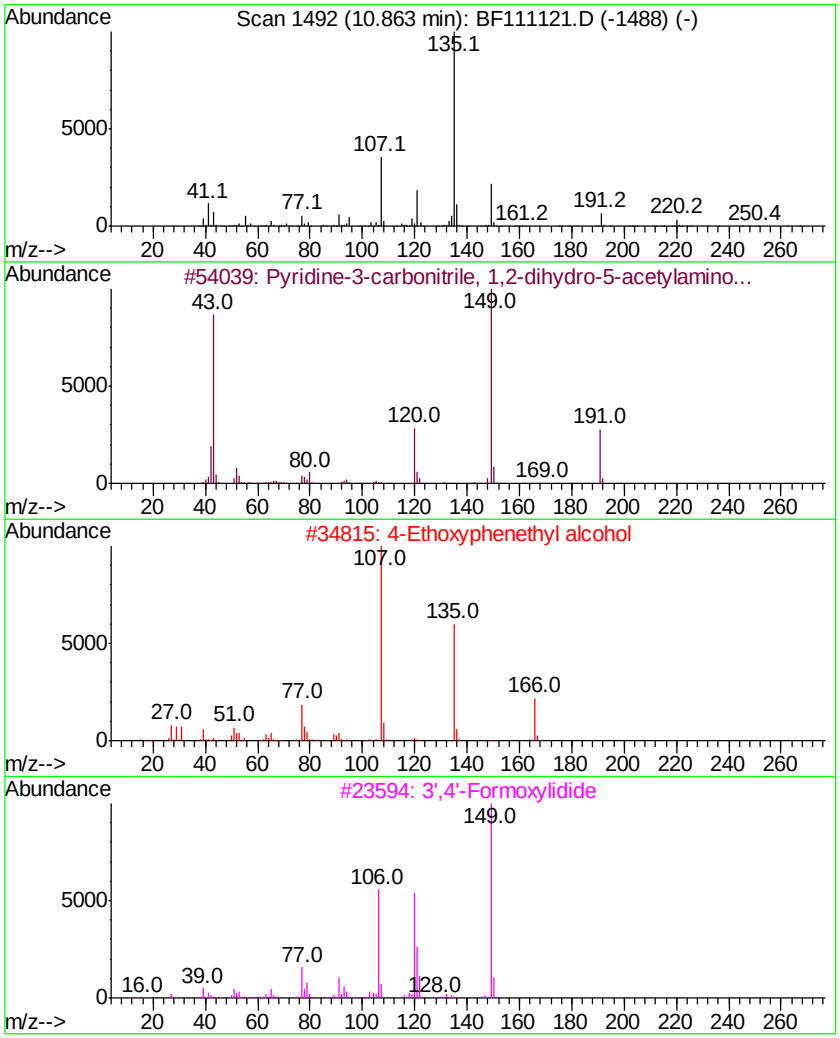
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

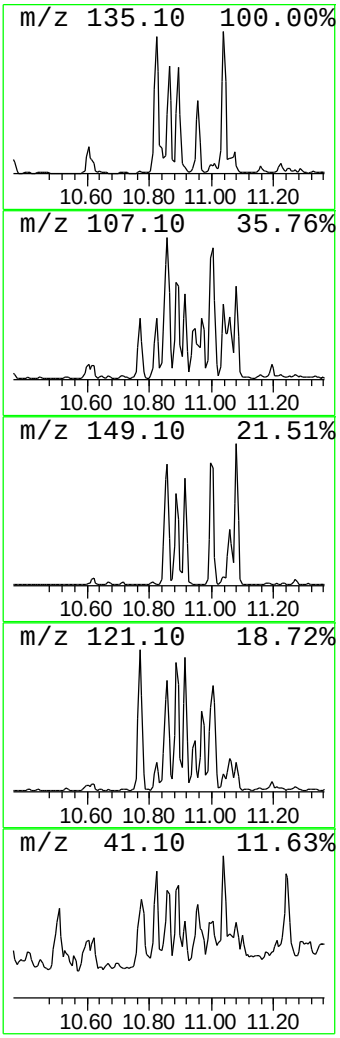
****

Peak Number 10 unknown10.86 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	95.84 ng	12739800	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
2	4-Ethoxyphenethyl alcohol	166	C10H14O2	022545-15-9	35
3	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	27
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	27
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

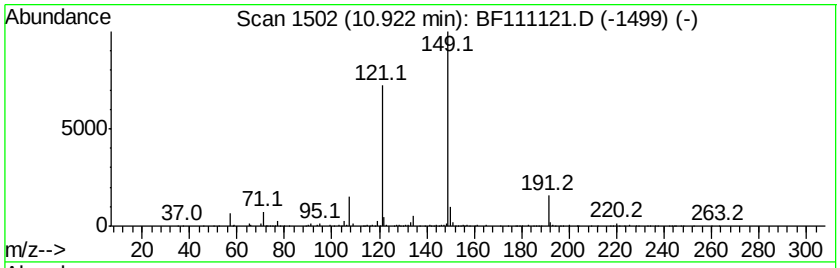
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

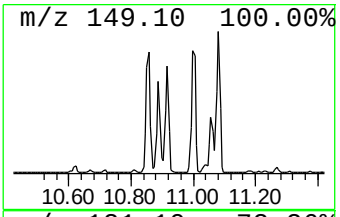
****

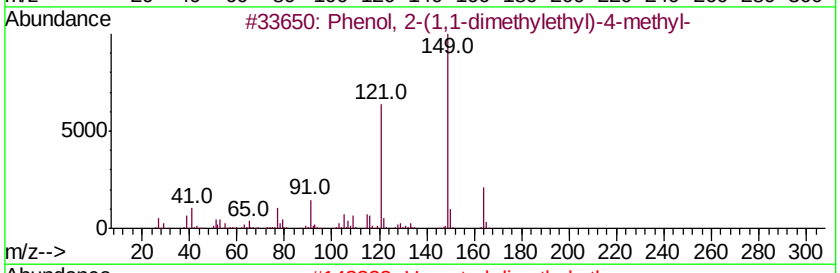
Peak Number 12 Phenol, 2-(1,1-dimethylethy... Concentration Rank 11

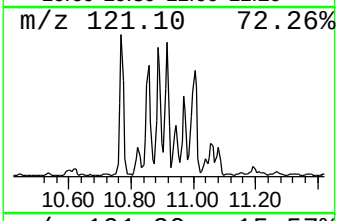
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	37.25 ng	4951060	Phenanthrene-d10	11.33

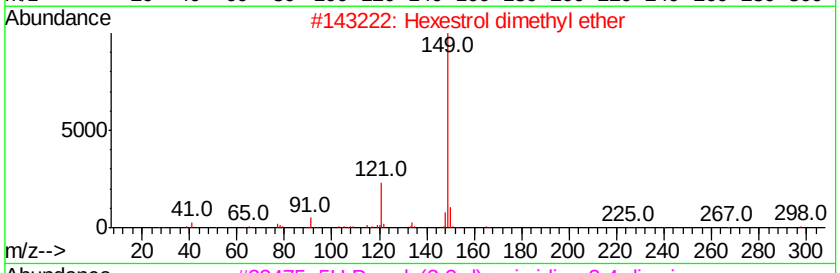
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	59
3	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	46
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	35

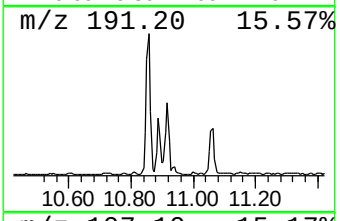


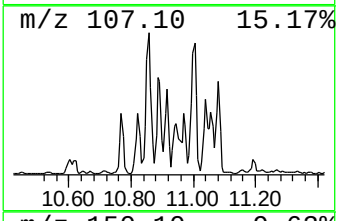


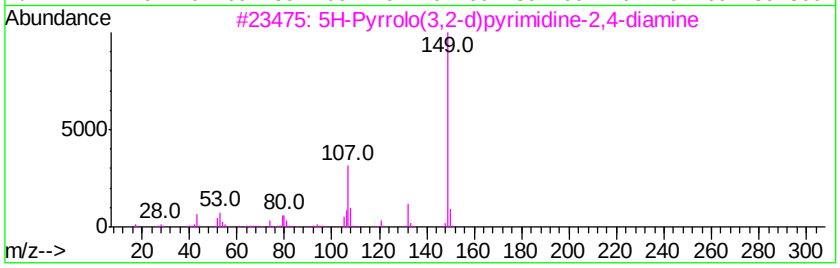


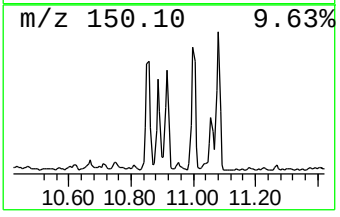












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

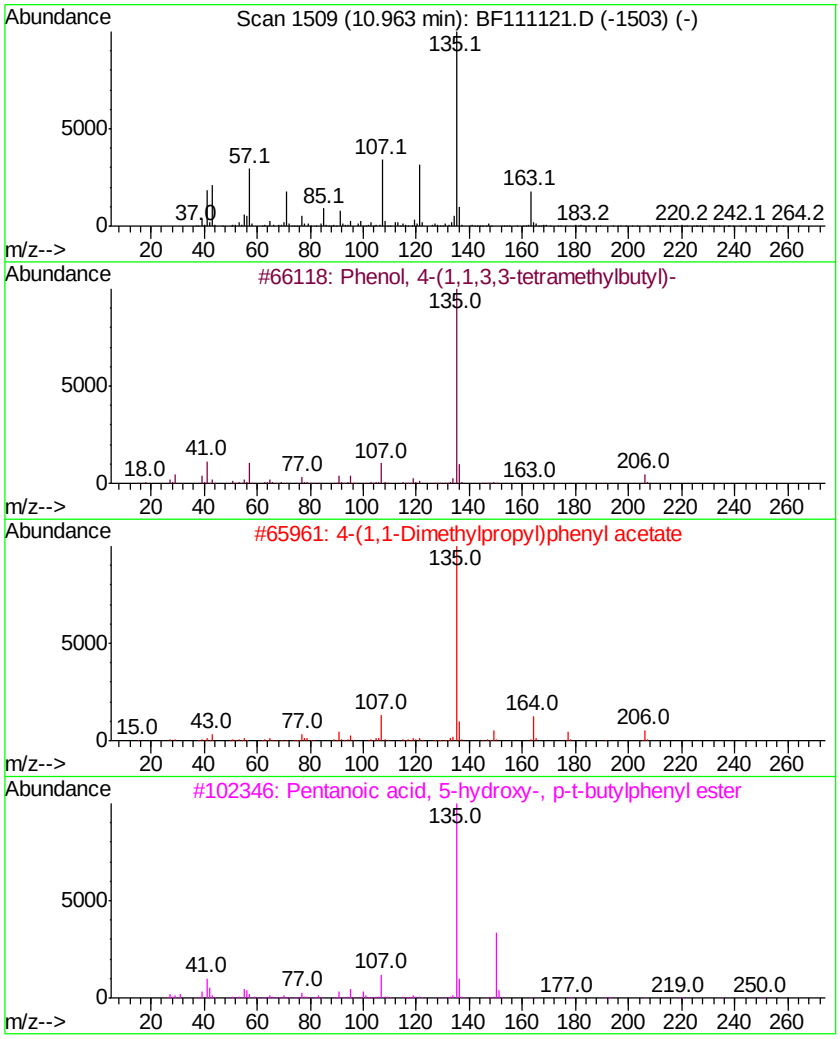
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

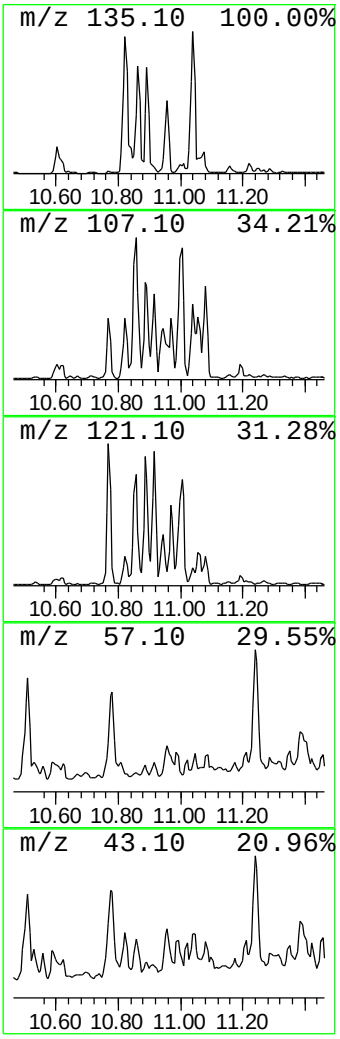
****

Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	55.05 ng	7317980	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	59
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	53
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	45
5	4'-Methoxybutyrophenone	178	C11H14O2	004160-51-4	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

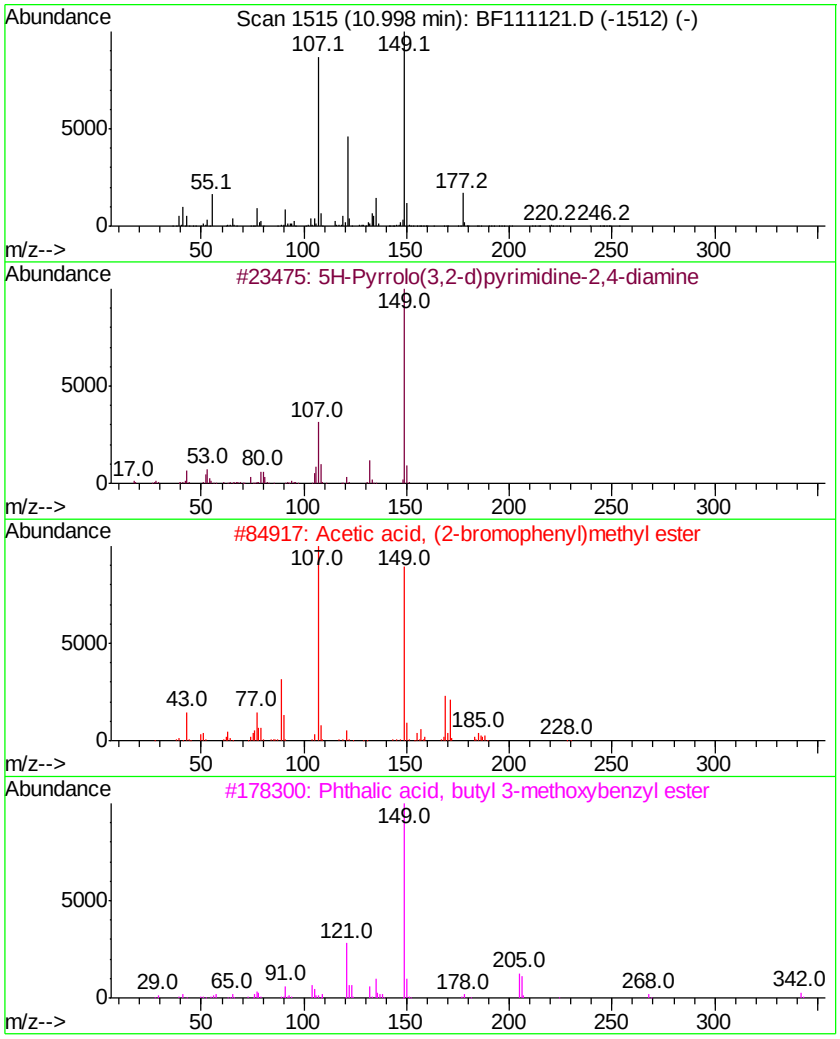
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

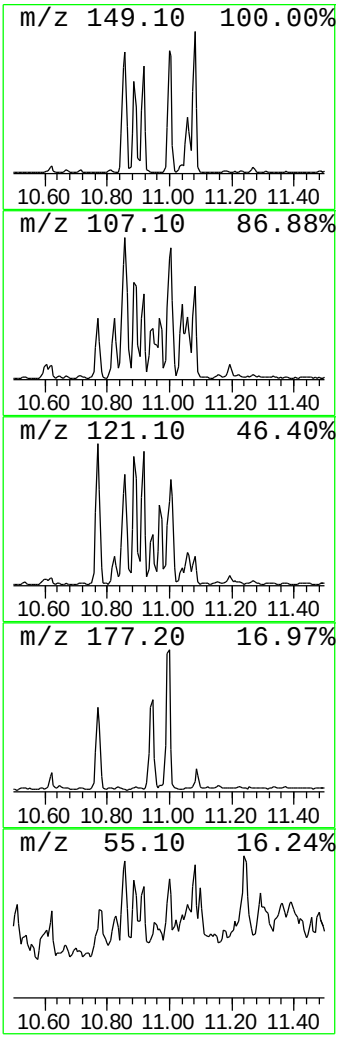
****

Peak Number 14 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	72.64 ng	9656110	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	64
2	Acetic acid, (2-bromophenyl)meth...	228	C9H9BrO2	1000368-71-4	59
3	Phthalic acid, butyl 3-methoxybe...	342	C20H22O5	1000377-97-7	35
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	35
5	p-Propionotoluidide	163	C10H13NO	002759-55-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

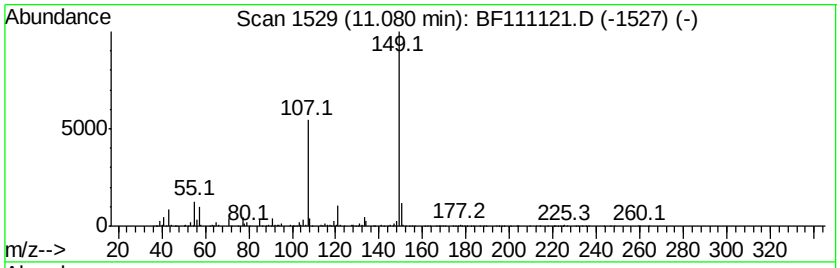
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

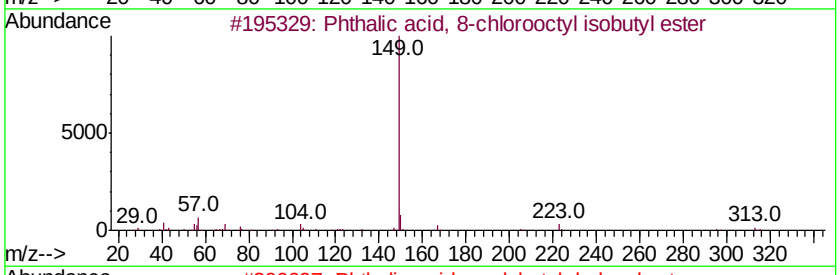
****

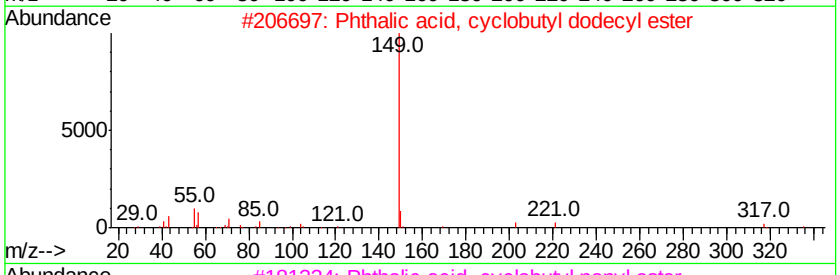
Peak Number 16 unknown11.08 Concentration Rank 12

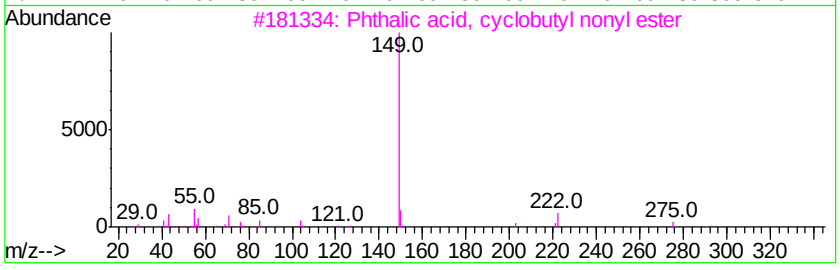
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	33.51 ng	4453970	Phenanthrene-d10	11.33

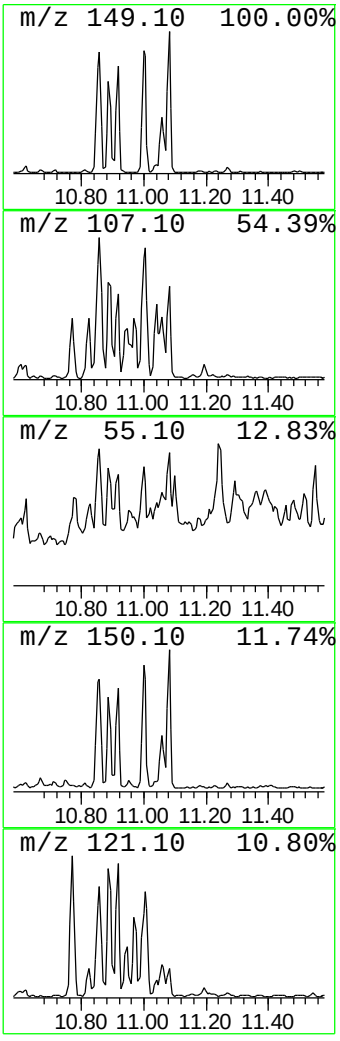
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 8-chlorooctyl iso...	368	C20H29ClO4	1000356-85-8	47
2	Phthalic acid, cyclobutyl dodecy...	388	C24H36O4	1000314-90-7	47
3	Phthalic acid, cyclobutyl nonyl ...	346	C21H30O4	1000314-90-4	47
4	Phthalic acid, dec-2-yl isobutyl...	362	C22H34O4	1000356-93-8	47
5	Phthalic acid, propyl octadecyl ...	460	C29H48O4	1000308-96-7	47











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

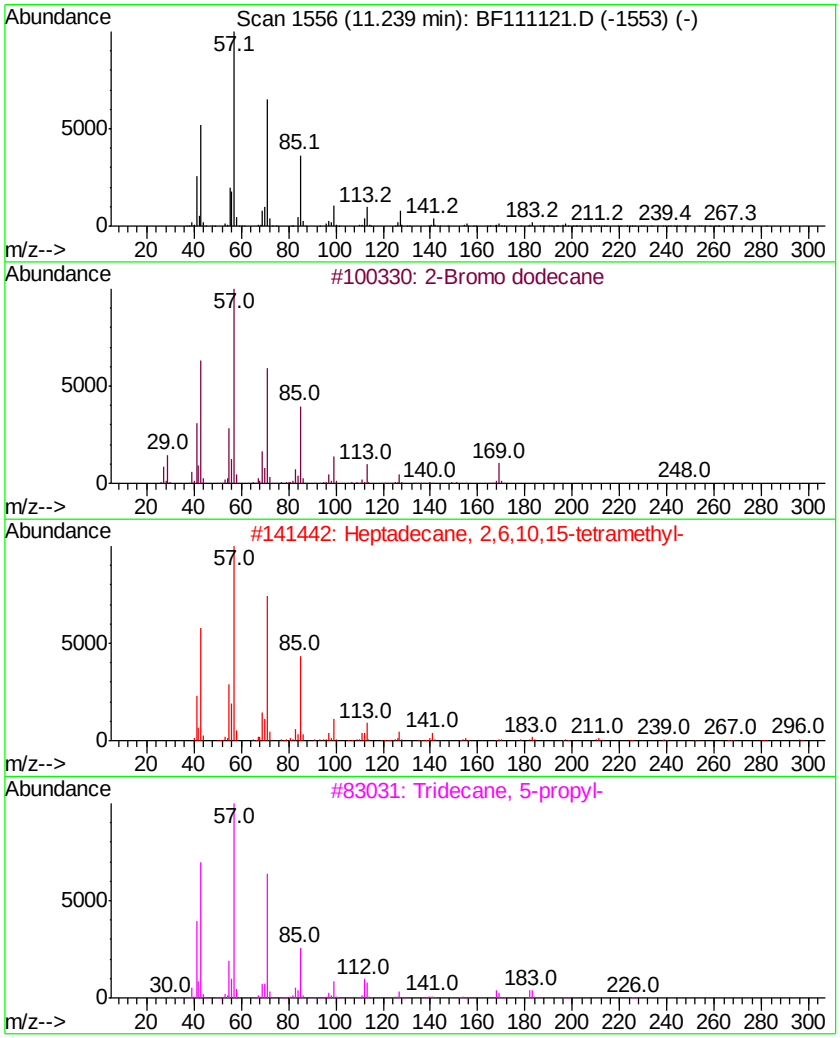
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

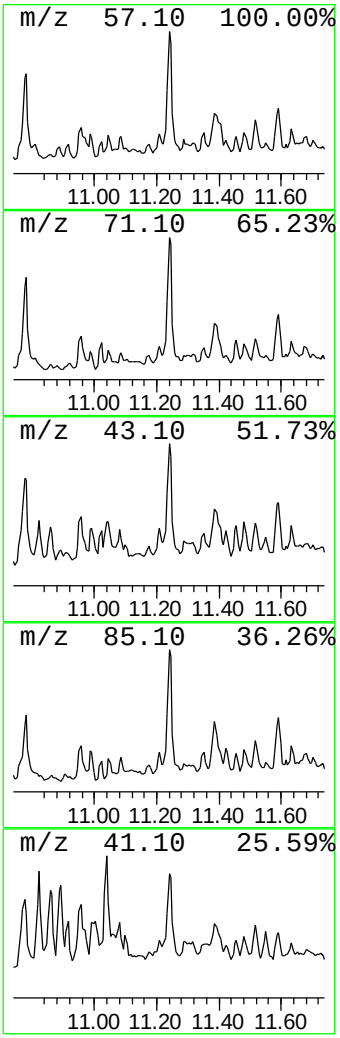
****

Peak Number 17 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	63.72 ng	8470230	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Hexacosane	366	C26H54	000630-01-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

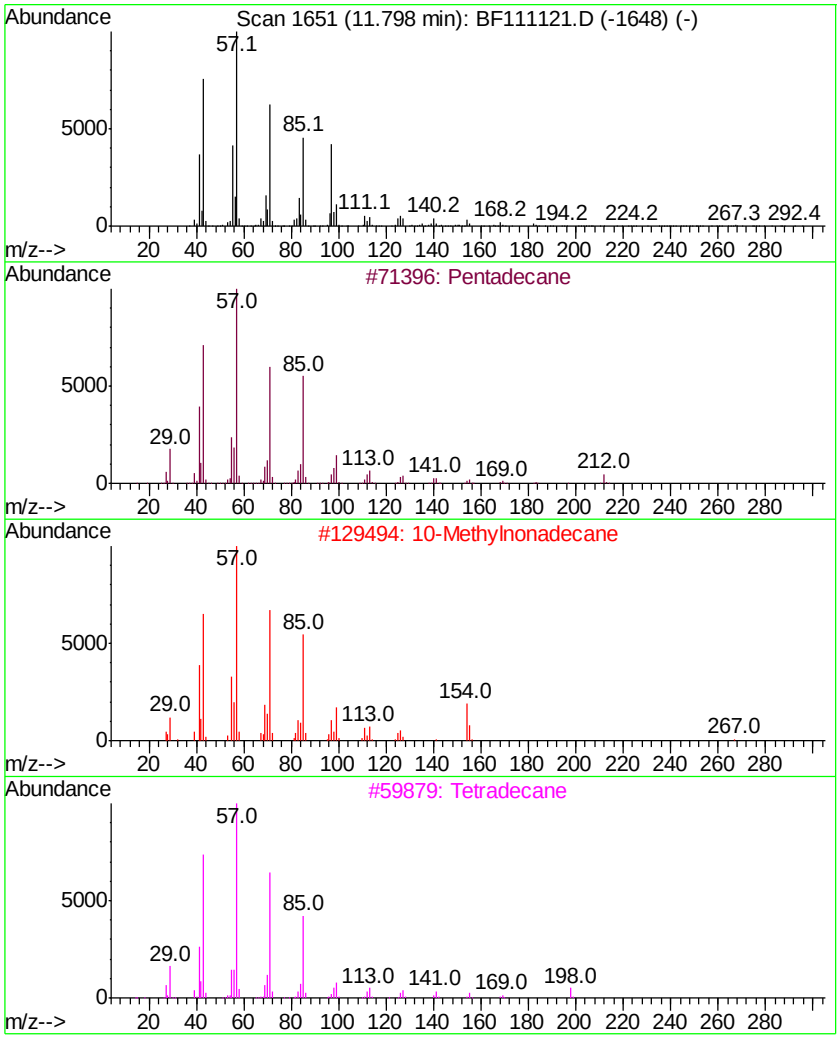
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

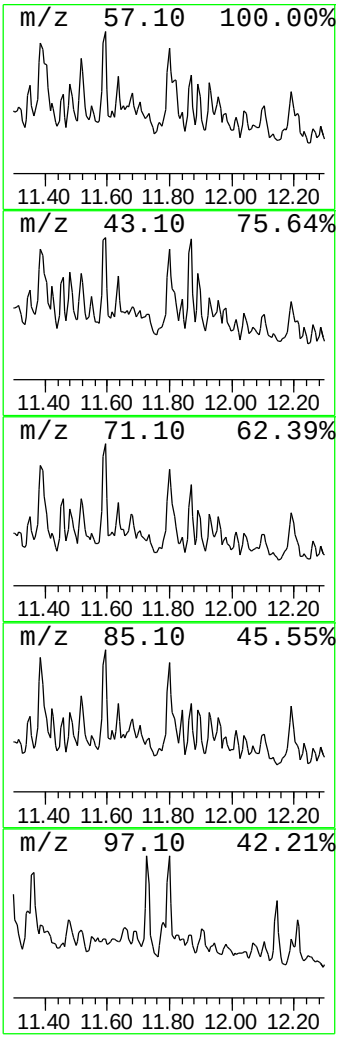
****

Peak Number 18 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	25.07 ng	3332220	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	58
2	10-Methylnonadecane	282	C20H42	056862-62-5	58
3	Tetradecane	198	C14H30	000629-59-4	53
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	52
5	9-methylheptadecane	254	C18H38	026741-18-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

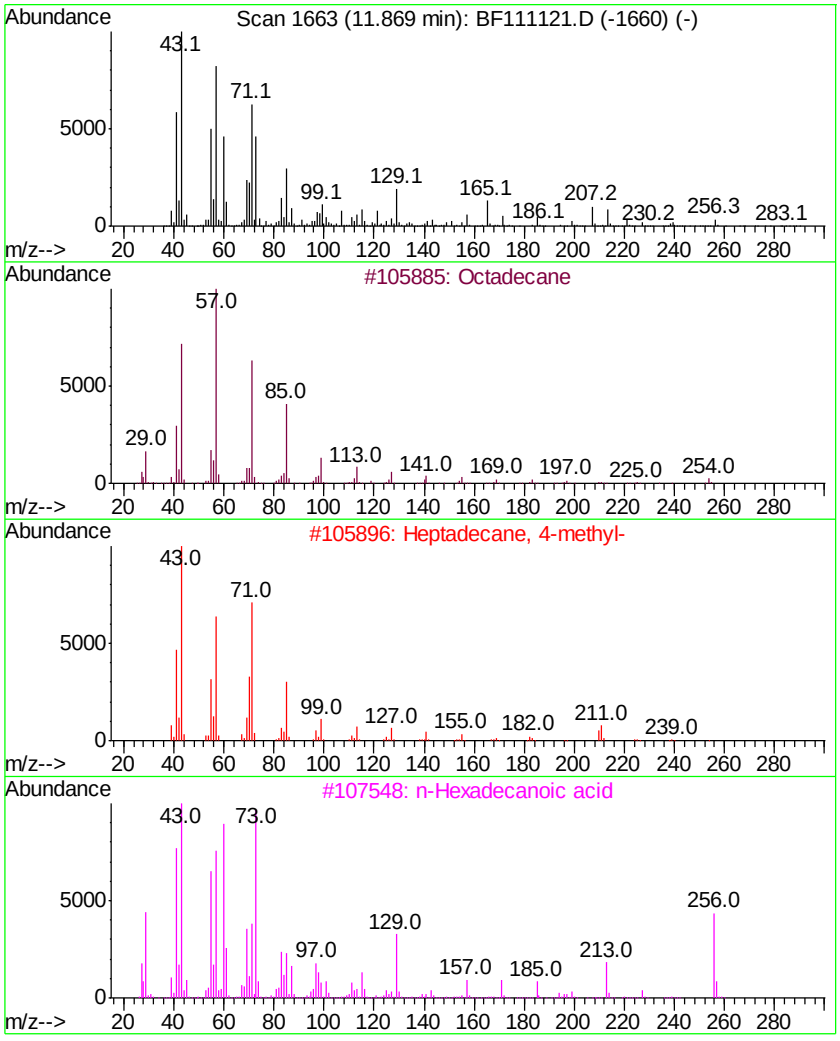
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

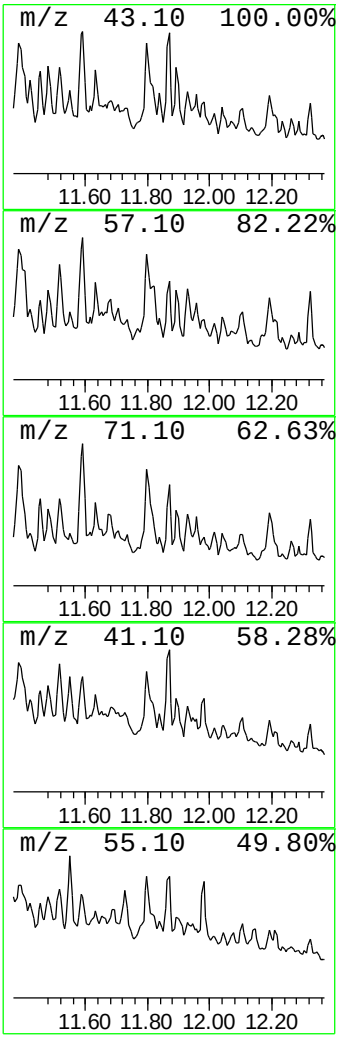
****

Peak Number 19 unknown11.87 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	25.09 ng	3334640	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	47
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	46
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

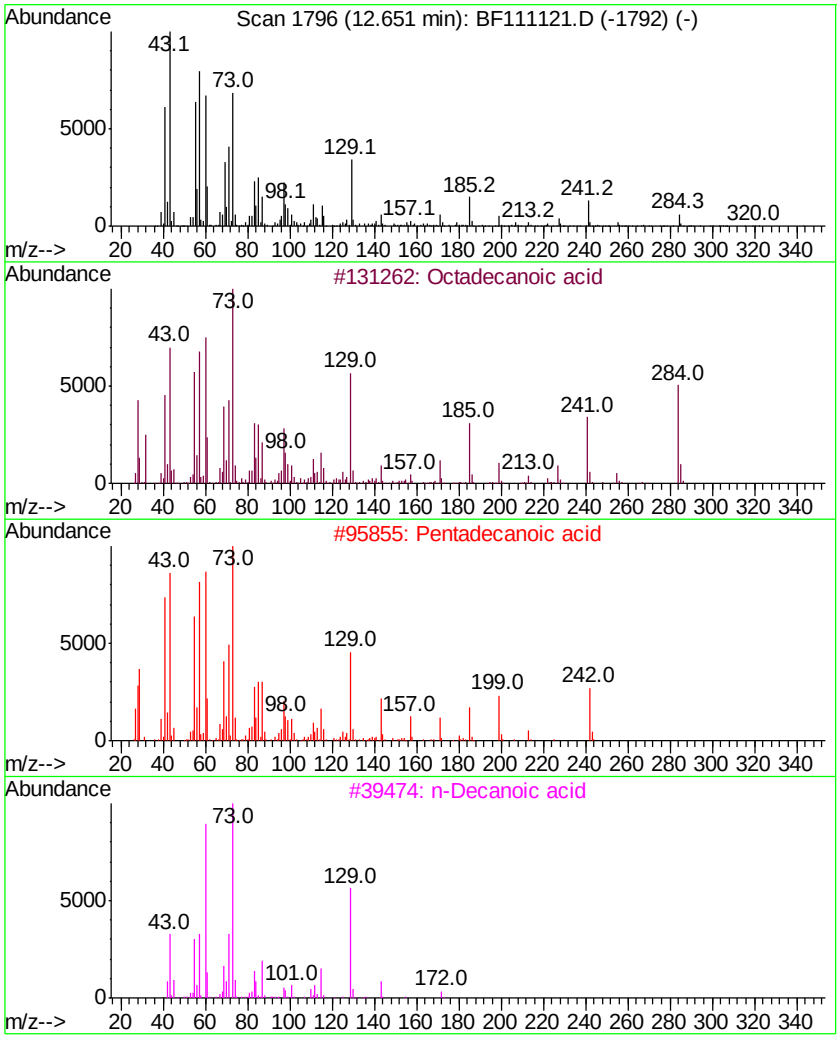
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

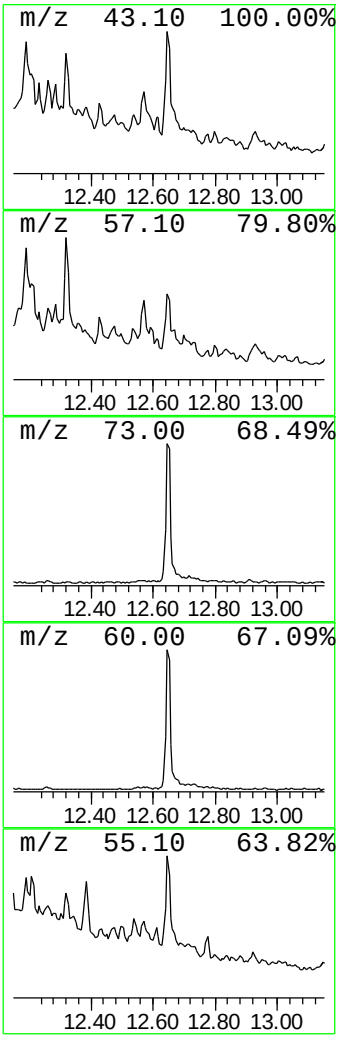
****

Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	24.32 ng	3313790	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46
5	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111121.D
Acq On : 5 Dec 2018 21:44
Operator : JU/SJ
Sample : J6134-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
unknown6.57	6.57	49.6	ng	9855640	1	6.80	3977290	20.0
Undecane	7.42	31.6	ng	6292300	1	6.80	3977290	20.0
Cyclohexanemethan...	7.82	27.8	ng	9603030	2	8.09	6906170	20.0
unknown8.38	8.38	23.9	ng	8242980	2	8.09	6906170	20.0
unknown8.56	8.56	26.8	ng	9263370	2	8.09	6906170	20.0
Hexadecane	9.58	33.0	ng	11044800	3	9.85	6694760	20.0
unknown10.77	10.77	92.1	ng	12244600	4	11.33	2658450	20.0
4-(1,1-Dimethylpr...	10.82	71.0	ng	9432820	4	11.33	2658450	20.0
unknown10.86	10.86	95.8	ng	12739800	4	11.33	2658450	20.0
Phenol, 2-(1,1-di...	10.92	37.3	ng	4951060	4	11.33	2658450	20.0
Phenol, 4-(1,1,3,...	10.96	55.0	ng	7317980	4	11.33	2658450	20.0
5H-Pyrrolo(3,2-d)...	11.00	72.6	ng	9656110	4	11.33	2658450	20.0
unknown11.08	11.08	33.5	ng	4453970	4	11.33	2658450	20.0
2-Bromo dodecane	11.24	63.7	ng	8470230	4	11.33	2658450	20.0
Pentadecane	11.80	25.1	ng	3332220	4	11.33	2658450	20.0
unknown11.87	11.87	25.1	ng	3334640	4	11.33	2658450	20.0
Octadecanoic acid	12.65	24.3	ng	3313790	5	13.96	2725050	20.0