LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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-BF051019.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	5.034	498	501	511	rBV	26814	37611	1.91%	0.151%
2	5.457	569	573	589	rBV	1291183	1678815	85.15%	6.730%
3	6.469	742	745	764	rBV	1481554	1894568	96.09%	7.595%
4	6.604	764	768	775	rVV	1951902	1832144	92.92%	7.345%
5	6.663	775	778	783	rVB2	24688	30751	1.56%	0.123%
6	6.828	803	806	814	rBV	1214310	1023165	51.89%	4.102%
7	6.986	829	833	848	rBV	1430715	1421105	72.07%	5.697%
8	7.392	898	902	916	rBV	977806	1133669	57.50%	4.545%
9	7.857	978	981	987	rBV6	13588	23674	1.20%	0.095%
10	8.110	1021	1024	1033	rBV	1267891	1203713	61.05%	4.826%
11	8.404	1069	1074	1076	rBV3	16757	20550	1.04%	0.082%
12	8.533	1092	1096	1098	rBV	41405	38488	1.95%	0.154%
13	8.698	1121	1124	1128	rBV	63195	59838	3.03%	0.240%
14	8.833	1144	1147	1150	rBV	26904	31679	1.61%	0.127%
15	8.927	1159	1163	1166	rBV2	25879	27522	1.40%	0.110%
16	9.063	1183	1186	1189	rBV2	18800	21518	1.09%	0.086%
17	9.127	1195	1197	1203	rVB	48892	40260	2.04%	0.161%
18	9.186	1203	1207	1218	rBV	1978661	1971705	100.00%	7.905%
19	9.263	1218	1220	1223	rVV	89371	72434	3.67%	0.290%
20	9.386	1238	1241	1245	rVB4	19247	29077	1.47%	0.117%
21	9.457	1250	1253	1257	rBV4	31878	42090	2.13%	0.169%
22	9.527	1261	1265	1268	rBV3	49071	67239	3.41%	0.270%
23	9.580	1271	1274	1281	rVB	285803	314823	15.97%	1.262%
24	9.727	1296	1299	1302	rBV4	35910	38131	1.93%	0.153%
25	9.774	1303	1307	1308	rVV2	31462	31558	1.60%	0.127%
26	9.792	1308	1310	1315	rVV	101847	81697	4.14%	0.328%
27	9.863	1319	1322	1326	rVV	1427208	1414967	71.76%	5.673%
28	9.898	1326	1328	1337	rVB3	70016	94120	4.77%	0.377%
29	9.974	1337	1341	1345	rBV5	32183	45746	2.32%	0.183%
30	10.022	1345	1349	1352	rBV5	21361	34419	1.75%	0.138%
31	10.074	1355	1358	1361	rVB2	38086	51812	2.63%	0.208%
32	10.110	1361	1364	1368	rBV2	52151	57642	2.92%	0.231%
33	10.180	1373	1376	1380	rBV2	35527	46016	2.33%	0.184%
34	10.269	1388	1391	1392	rBV2	40260	36937	1.87%	0.148%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.292	1392	1395	1397	rVB	123073	109966	5.58%	0.441%
36	10.416	1410	1416	1422	rBV5	51801	101307	5.14%	0.406%
37	10.510	1428	1432	1438	rVB	92739	112038	5.68%	0.449%
38	10.563	1438	1441	1445	rBV5	27495	39542	2.01%	0.159%
39	10.627	1450	1452	1454	rBV2	24379	22095	1.12%	0.089%
40	10.657	1454	1457	1467	rVV	986306	1067942	54.16%	4.281%
41	10.774	1472	1477	1480	rBV2	209742	290613	14.74%	1.165%
42	10.957	1505	1508	1512	rBV6	38034	63036	3.20%	0.253%
43	10.992	1512	1514	1516	rVB2	54512	42096	2.14%	0.169%
44	11.045	1521	1523	1525	rVB2	31996	21633	1.10%	0.087%
45	11.210	1548	1551	1553	rBV	169110	135894	6.89%	0.545%
46	11.239	1553	1556	1562	rVB2	142444	189262	9.60%	0.759%
47	11.351	1572	1575	1578	rBV	1372621	1329625	67.44%	5.330%
48	11.374	1578	1579	1586	rVV	391871	345415	17.52%	1.385%
49	11.433	1586	1589	1592	rVV	71187	79793	4.05%	0.320%
50	11.592	1613	1616	1618	rBV2	86781	102334	5.19%	0.410%
51	11.639	1621	1624	1627	rVV	187829	181103	9.19%	0.726%
52	12.045	1691	1693	1696	rBV	210895	162879	8.26%	0.653%
53	12.427	1756	1758	1763	rVB	214109	222669	11.29%	0.893%
54	12.568	1779	1782	1786	rBV	663644	568841	28.85%	2.280%
55	12.780	1816	1818	1819	rBV	118807	103088	5.23%	0.413%
56	12.798	1819	1821	1828	rVB	756524	691618	35.08%	2.773%
57	12.933	1840	1844	1847	rVB	1447045	1293153	65.59%	5.184%
58	13.998	2020	2025	2028	rBV2	1243054	1482432	75.19%	5.943%
59	15.039	2200	2202	2205	rBV	262642	280278	14.22%	1.124%
60	15.468	2271	2275	2279	rVB	708251	955899	48.48%	3.832%

Sum of corrected areas: 24944034

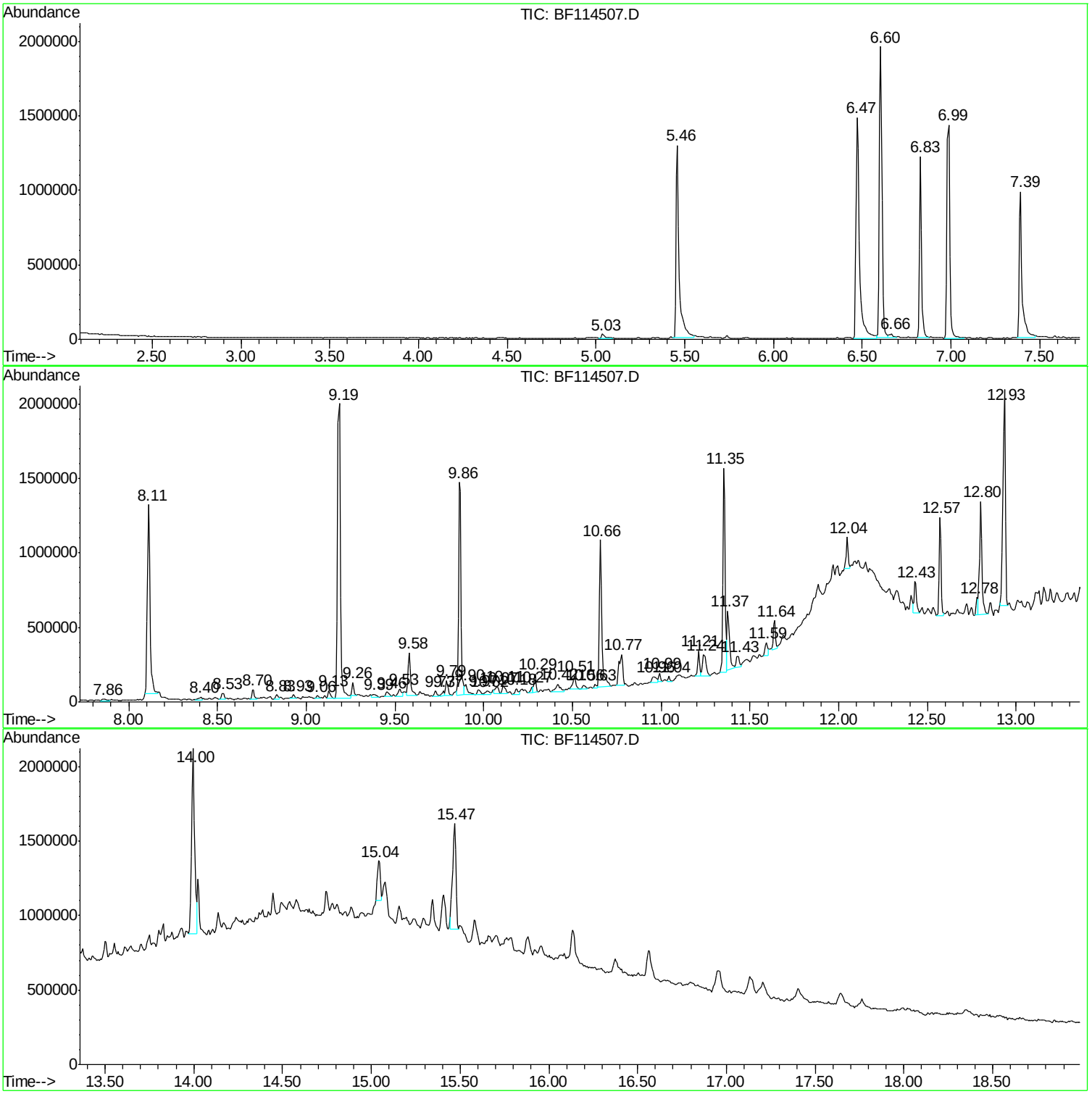
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

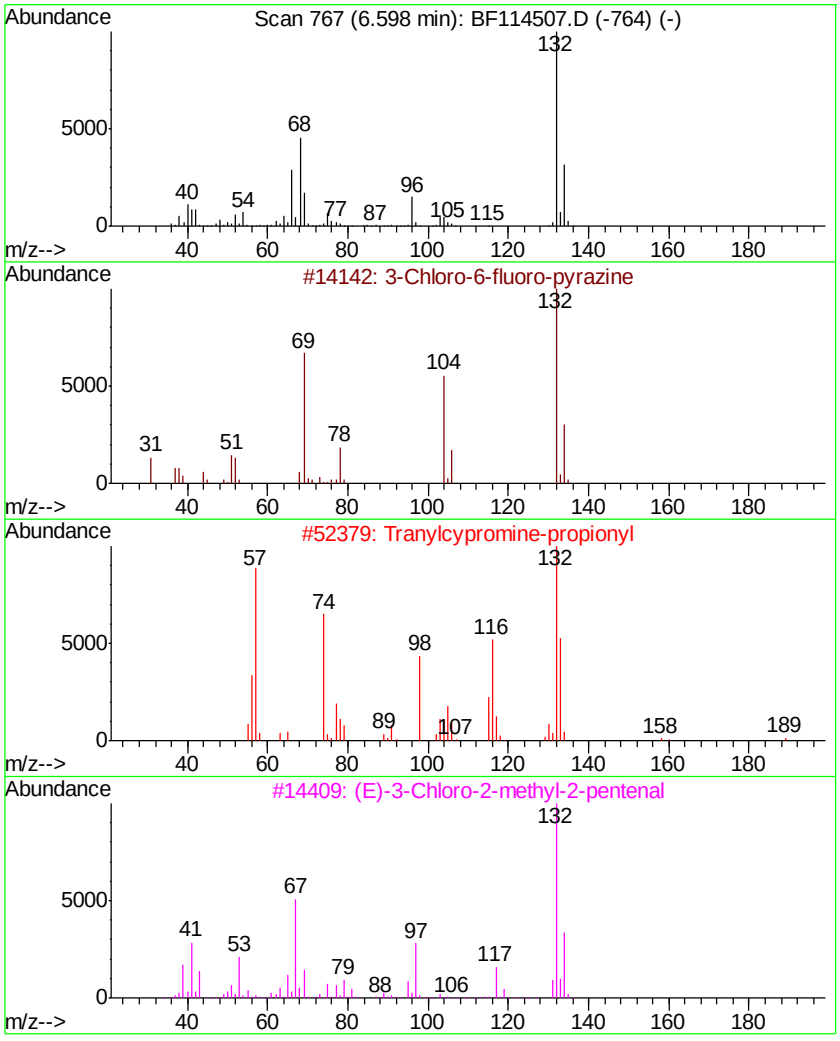
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

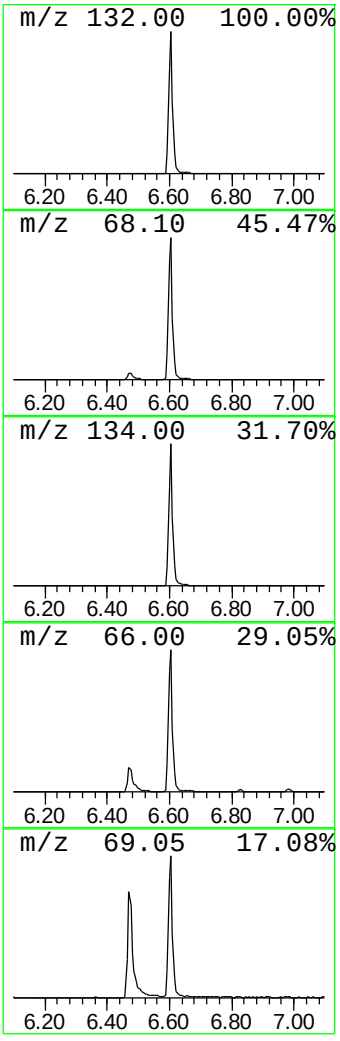
****

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	35.81 ng	1832140	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	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\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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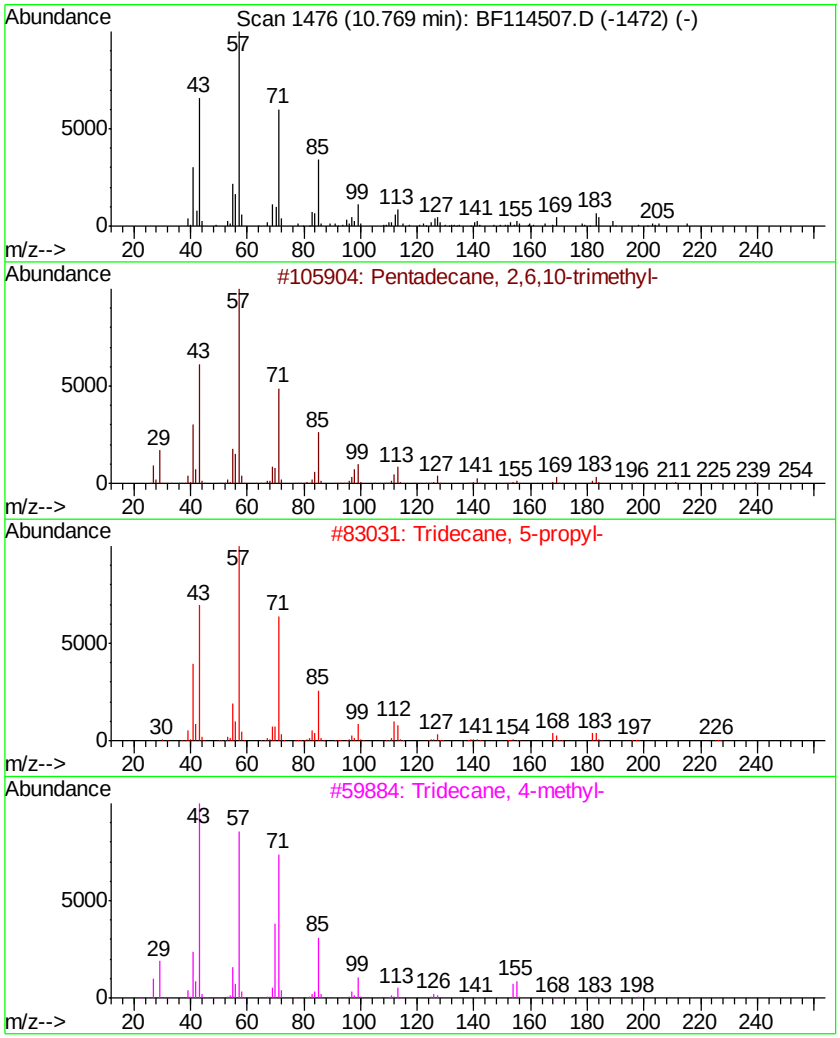
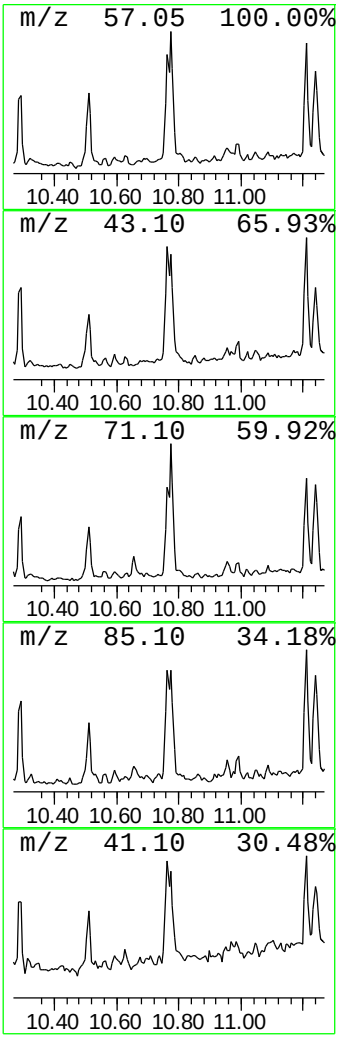
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.37 ng	290613	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
4	Decane, 2-methyl-	156	C11H24	006975-98-0	76
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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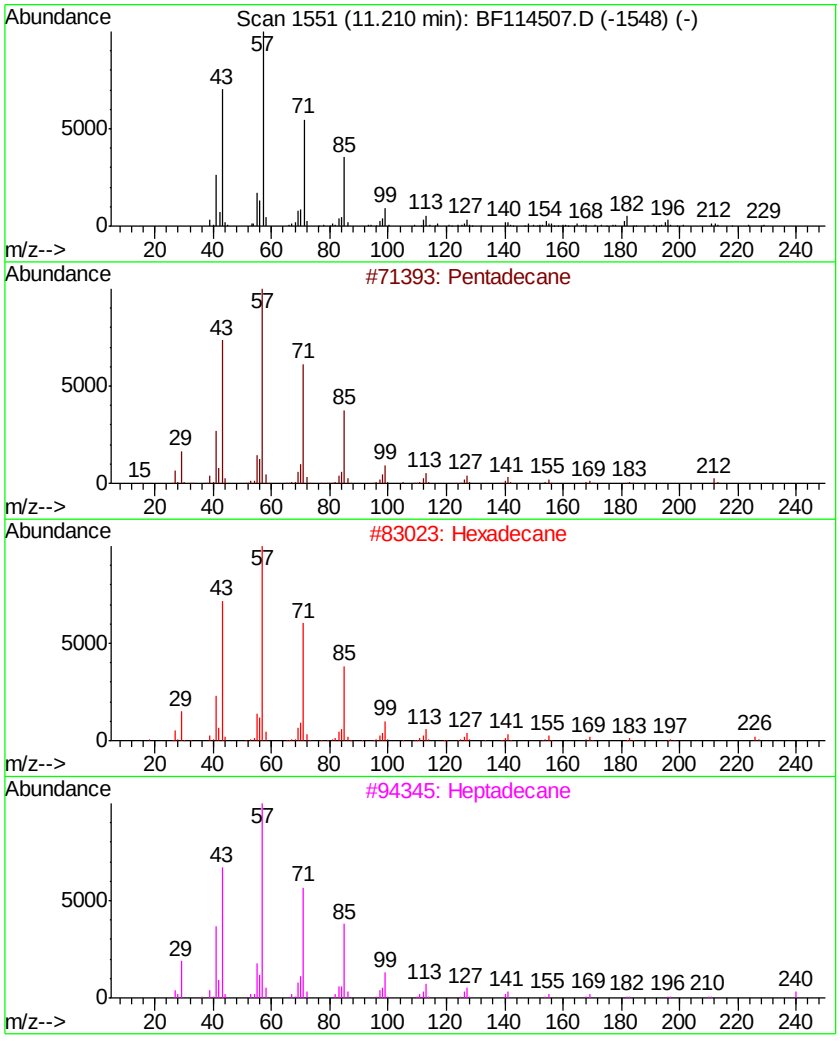
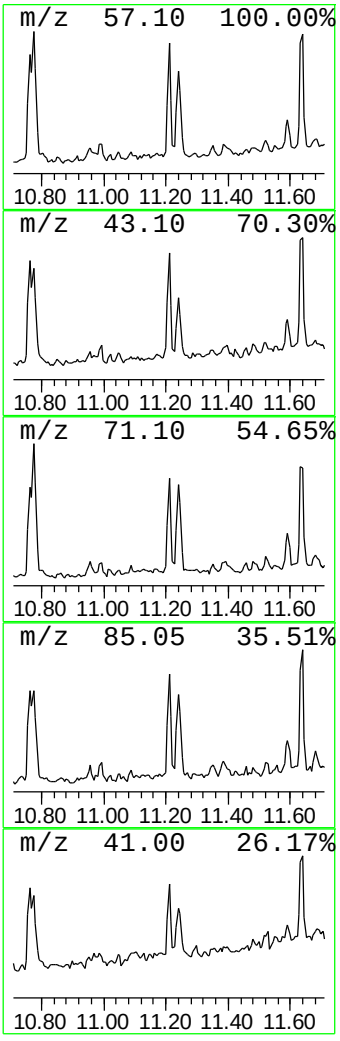
Peak Number 4 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.04 ng	135894	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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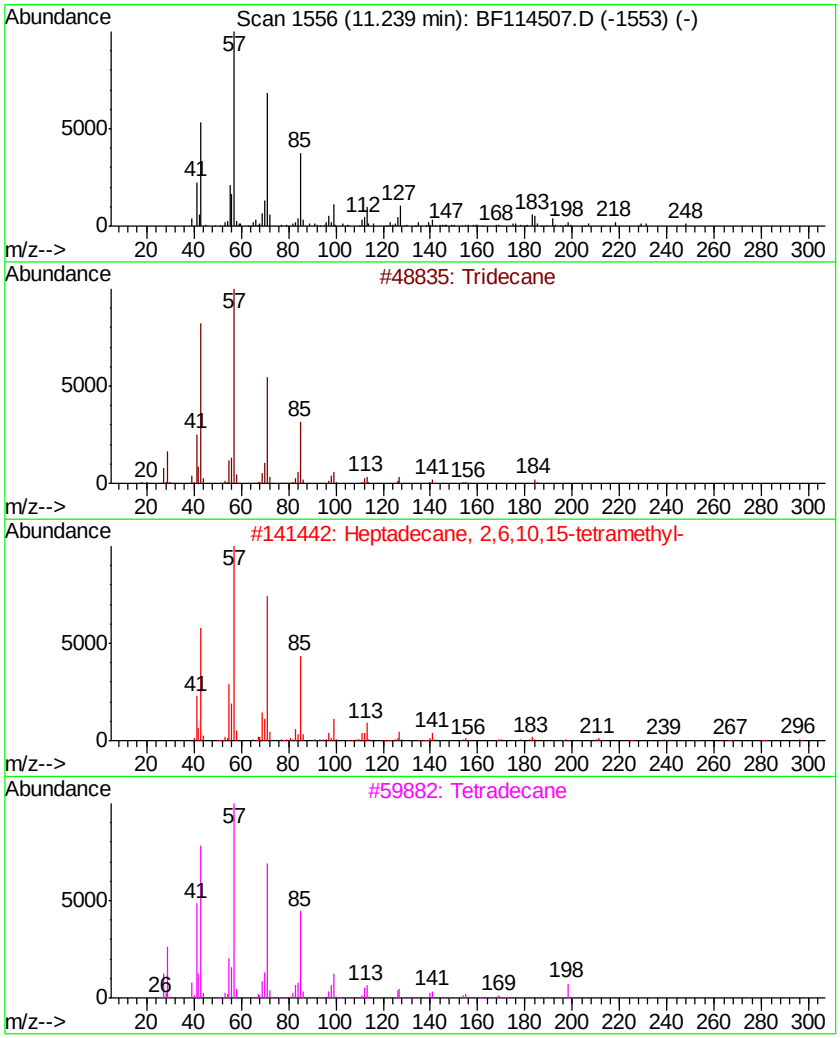
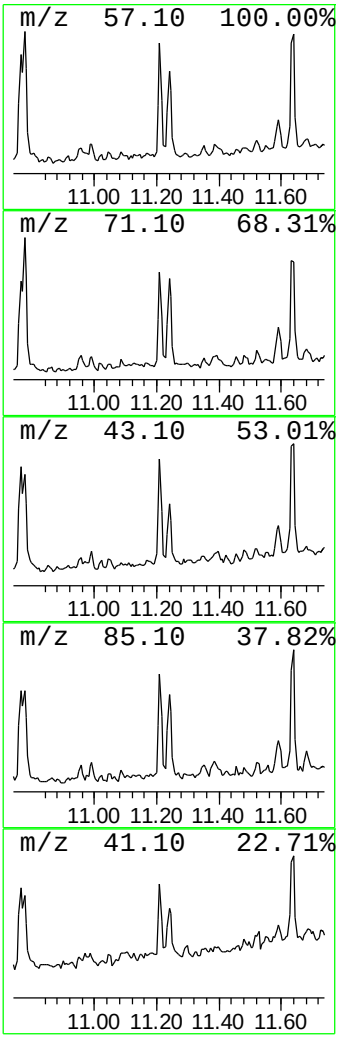
Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.85 ng	189262	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3	Tetradecane	198	C14H30	000629-59-4	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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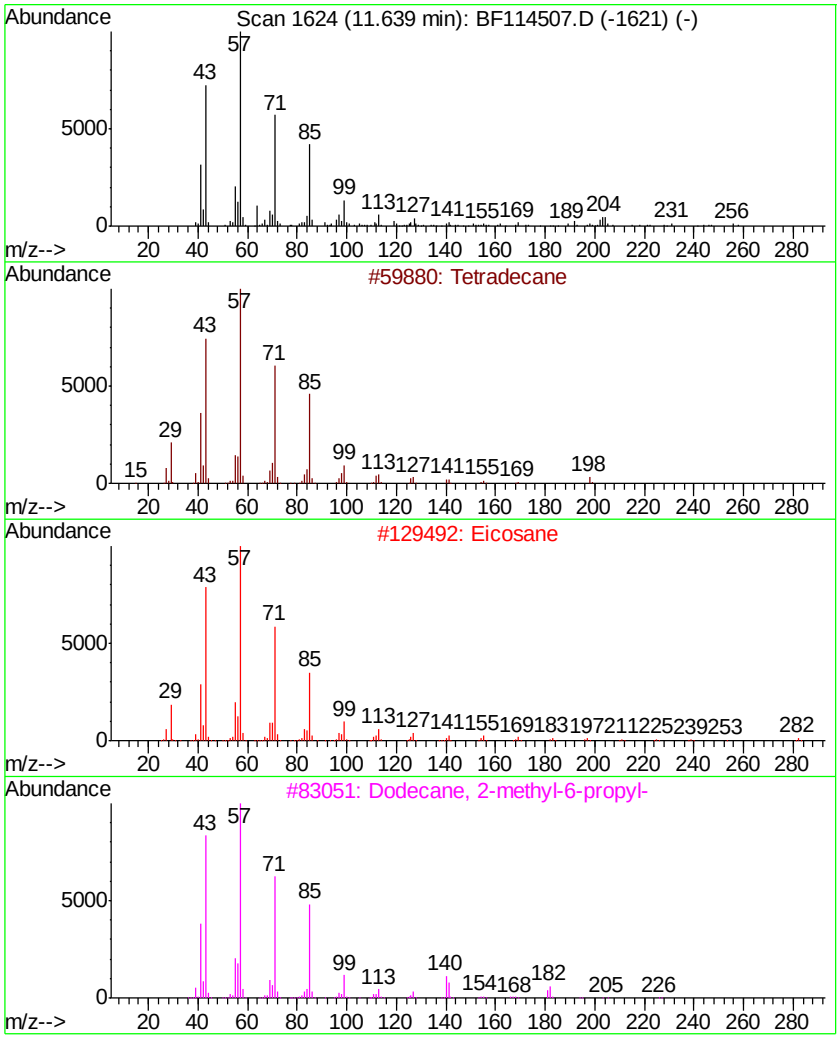
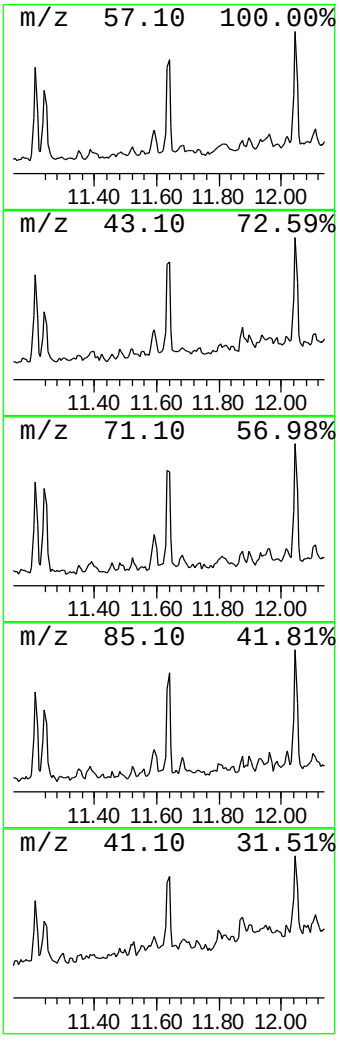
Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.72 ng	181103	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Eicosane	282	C20H42	000112-95-8	64
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4	1-Iodoundecane	282	C11H23I	004282-44-4	59
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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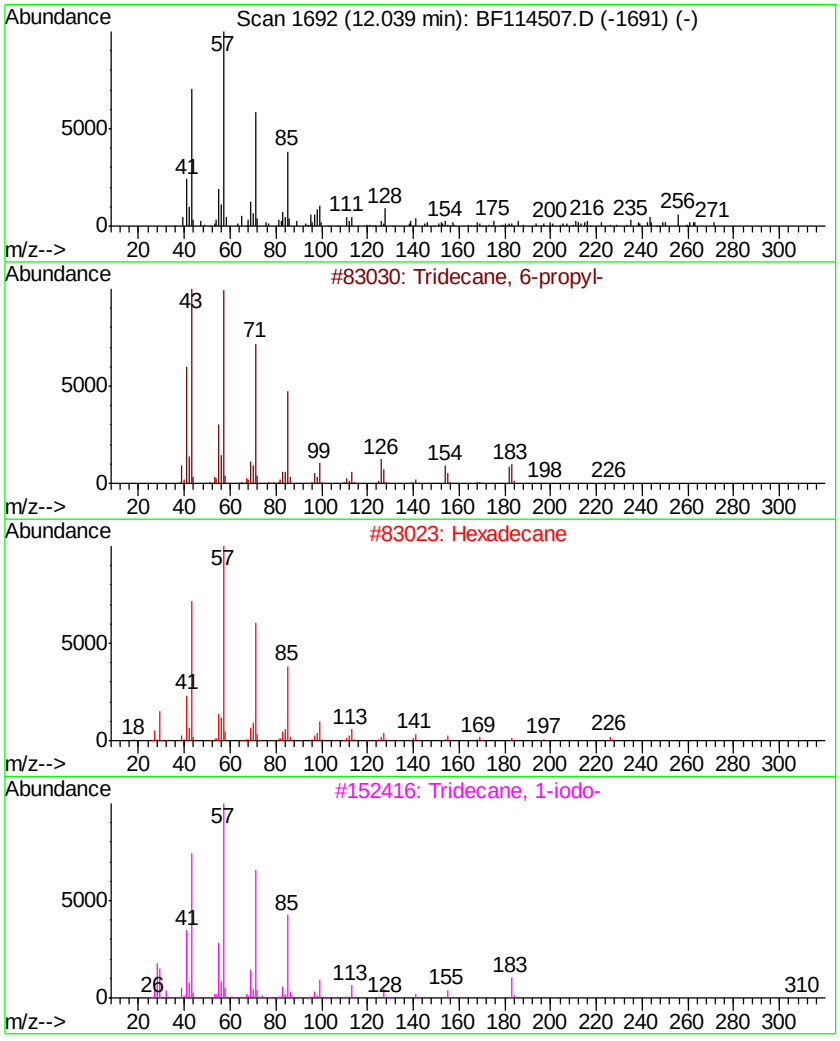
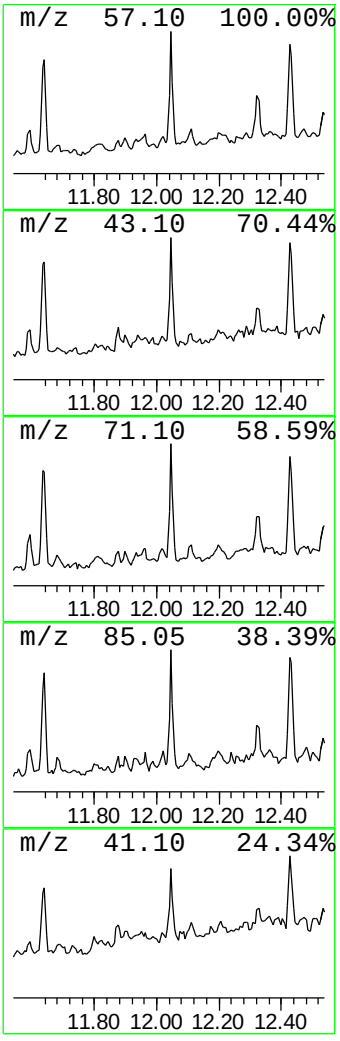
Peak Number 7 Tridecane, 6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.45 ng	162879	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	1-Iodoundecane	282	C11H23I	004282-44-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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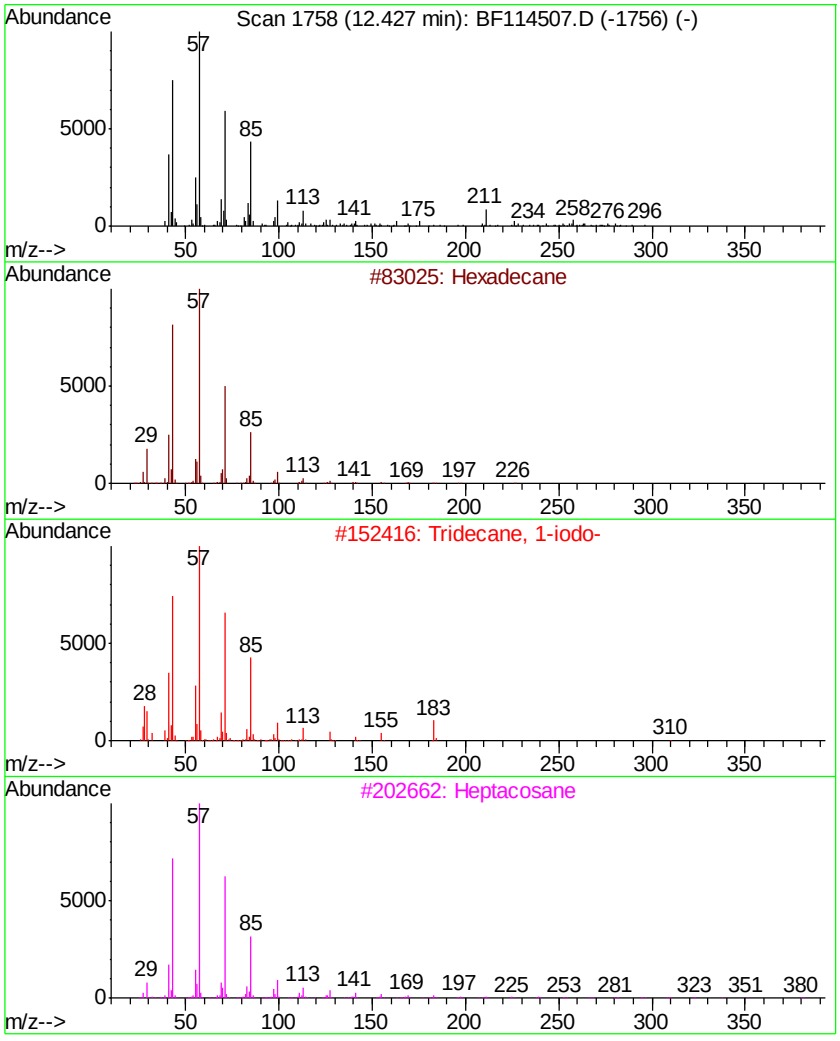
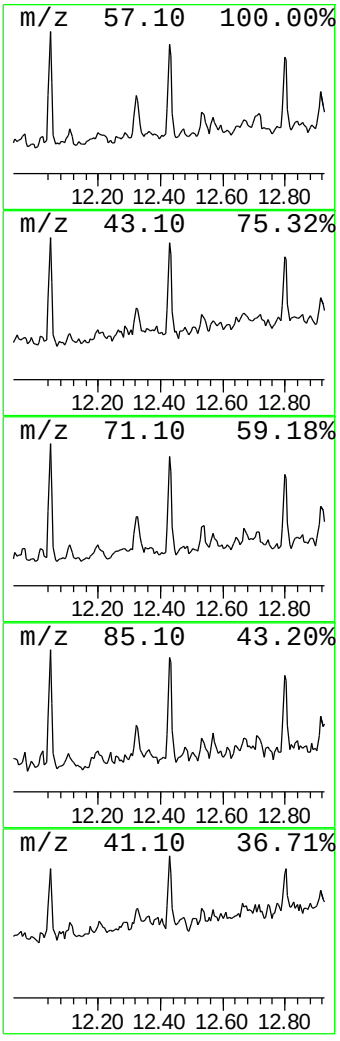
Peak Number 8 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.35 ng	222669	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Eicosane	282	C20H42	000112-95-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052219\
Data File : BF114507.D
Acq On : 23 May 2019 2:06
Operator : JU/SJ
Sample : K2970-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.60	6.60	35.8	ng	1832140	1	6.83	1023170	20.0
Pentadecane, 2,6,...	10.77	4.4	ng	290613	4	11.35	1329630	20.0
Pentadecane	11.21	2.0	ng	135894	4	11.35	1329630	20.0
Tridecane	11.24	2.9	ng	189262	4	11.35	1329630	20.0
Tetradecane	11.64	2.7	ng	181103	4	11.35	1329630	20.0
Tridecane, 6-propyl-	12.04	2.5	ng	162879	4	11.35	1329630	20.0
Hexadecane	12.43	3.4	ng	222669	4	11.35	1329630	20.0