LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	18	rVB	203728	297263	13.84%	1.309%
2	5.469	571	575	579	rBV	634543	586969	27.33%	2.584%
3	6.481	743	747	753	rVB	651522	600633	27.96%	2.644%
4	6.863	808	812	815	rBV	1860440	1609713	74.94%	7.087%
5	7.016	834	838	842	rBV	682931	542722	25.27%	2.389%
6	7.257	874	879	882	rBV2	27395	30152	1.40%	0.133%
7	7.410	898	905	909	rBV	393443	387845	18.06%	1.708%
8	7.463	912	914	917	rVV	68871	51634	2.40%	0.227%
9	7.510	917	922	926	rVB4	22363	35010	1.63%	0.154%
10	7.792	968	970	973	rVB3	25969	27215	1.27%	0.120%
11	7.863	979	982	984	rBV3	23272	24591	1.14%	0.108%
12	8.098	1017	1022	1025	rBV6	17704	34024	1.58%	0.150%
13	8.145	1025	1030	1033	rVV	2383096	2147906	100.00%	9.456%
14	8.210	1037	1041	1043	rVB2	55239	63725	2.97%	0.281%
15	8.322	1053	1060	1062	rBV6	23616	43037	2.00%	0.189%
16	8.439	1076	1080	1083	rBV4	47734	51780	2.41%	0.228%
17	8.492	1087	1089	1092	rVB3	34458	31652	1.47%	0.139%
18	8.527	1092	1095	1099	rBV5	50316	55459	2.58%	0.244%
19	8.569	1099	1102	1105	rBV	73012	72490	3.37%	0.319%
20	8.651	1113	1116	1119	rBV2	53149	51120	2.38%	0.225%
21	8.739	1128	1131	1134	rBV	208392	168492	7.84%	0.742%
22	8.857	1149	1151	1154	rVB	41069	34010	1.58%	0.150%
23	8.963	1160	1169	1172	rBV5	58227	114467	5.33%	0.504%
24	9.104	1189	1193	1197	rVB3	43436	50748	2.36%	0.223%
25	9.145	1197	1200	1202	rBV	33584	27318	1.27%	0.120%
26	9.169	1202	1204	1208	rVB2	90400	82382	3.84%	0.363%
27	9.216	1208	1212	1215	rBV	985097	757122	35.25%	3.333%
28	9.304	1223	1227	1231	rBV	228150	201321	9.37%	0.886%
29	9.369	1236	1238	1241	rVV2	43450	42569	1.98%	0.187%
30	9.416	1244	1246	1251	rVB4	26374	29310	1.36%	0.129%
31	9.474	1253	1256	1261	rVB3	45675	65256	3.04%	0.287%
32	9.557	1264	1270	1272	rVV3	83055	103961	4.84%	0.458%
33	9.580	1272	1274	1276	rVV	77635	64433	3.00%	0.284%
34	9.610	1276	1279	1280	rVV	108211	104848	4.88%	0.462%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.621	1280	1281	1284	rVV	98104	84745	3.95%	0.373%
36	9.680	1287	1291	1294	rVB3	44803	57080	2.66%	0.251%
37	9.757	1301	1304	1306	rBV	36943	32971	1.54%	0.145%
38	9.833	1314	1317	1320	rVB	182853	138108	6.43%	0.608%
39	9.898	1324	1328	1331	rVV	2500281	2086864	97.16%	9.188%
40	9.927	1331	1333	1337	rVB2	31722	34359	1.60%	0.151%
41	10.004	1343	1346	1350	rVB3	33106	40575	1.89%	0.179%
42	10.098	1359	1362	1365	rVB2	56628	51873	2.42%	0.228%
43	10.216	1379	1382	1385	rBV3	30130	35774	1.67%	0.157%
44	10.333	1399	1402	1405	rVB	137563	114417	5.33%	0.504%
45	10.392	1409	1412	1417	rVB7	21294	27189	1.27%	0.120%
46	10.439	1417	1420	1422	rBV2	47884	45116	2.10%	0.199%
47	10.551	1434	1439	1446	rBV2	59199	80675	3.76%	0.355%
48	10.680	1457	1461	1466	rBV	398561	355953	16.57%	1.567%
49	10.804	1479	1482	1487	rVB2	132621	159731	7.44%	0.703%
50	10.992	1510	1514	1516	rBV4	28985	30699	1.43%	0.135%
51	11.021	1516	1519	1525	rVB5	27505	32224	1.50%	0.142%
52	11.251	1551	1558	1561	rBV2	128435	147841	6.88%	0.651%
53	11.280	1561	1563	1568	rVB3	70830	75994	3.54%	0.335%
54	11.380	1576	1580	1583	rBV	2089744	1786328	83.17%	7.864%
55	11.404	1583	1584	1587	rVV	253926	148404	6.91%	0.653%
56	11.457	1590	1593	1596	rVB	65541	65313	3.04%	0.288%
57	11.680	1627	1631	1633	rBV	115499	104861	4.88%	0.462%
58	11.880	1663	1665	1667	rBV	48583	45796	2.13%	0.202%
59	11.910	1667	1670	1673	rVB2	99402	96579	4.50%	0.425%
60	11.992	1681	1684	1687	rBV	76991	79114	3.68%	0.348%
61	12.086	1697	1700	1703	rBV	133151	114138	5.31%	0.503%
62	12.115	1703	1705	1708	rVB2	30909	26177	1.22%	0.115%
63	12.310	1735	1738	1739	rBV3	40476	41461	1.93%	0.183%
64	12.368	1744	1748	1749	rBV2	37150	54357	2.53%	0.239%
65	12.433	1756	1759	1761	rBV	86180	86881	4.04%	0.383%
66	12.474	1762	1766	1770	rVB2	179171	210363	9.79%	0.926%
67	12.592	1783	1786	1789	rBV	477474	390081	18.16%	1.717%
68	12.745	1810	1812	1815	rBV2	50863	58033	2.70%	0.255%
69	12.821	1820	1825	1827	rBV	419698	424373	19.76%	1.868%
70	12.845	1827	1829	1832	rVB	204142	164541	7.66%	0.724%
71	12.962	1846	1849	1852	rBV	682373	609619	28.38%	2.684%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.151	1879	1881	1884	rVB	103667	83388	3.88%	0.367%
73	13.198	1886	1889	1895	rBV2	193009	256104	11.92%	1.128%
74	13.251	1896	1898	1900	rBV	70134	64820	3.02%	0.285%
75	13.545	1945	1948	1951	rBV	184249	184506	8.59%	0.812%
76	13.868	2001	2003	2006	rVB	219303	176156	8.20%	0.776%
77	14.015	2024	2028	2031	rBV	1789891	1924192	89.58%	8.471%
78	14.186	2054	2057	2061	rVB2	246586	223066	10.39%	0.982%
79	14.492	2106	2109	2113	rBV	290162	266089	12.39%	1.171%
80	14.798	2158	2161	2164	rBV2	344438	330347	15.38%	1.454%
81	15.139	2216	2219	2222	rBV	357114	386269	17.98%	1.701%
82	15.486	2274	2278	2281	rBV	1392633	1715558	79.87%	7.553%
83	15.956	2356	2358	2364	rVB	296498	373539	17.39%	1.645%

Sum of corrected areas: 22713818

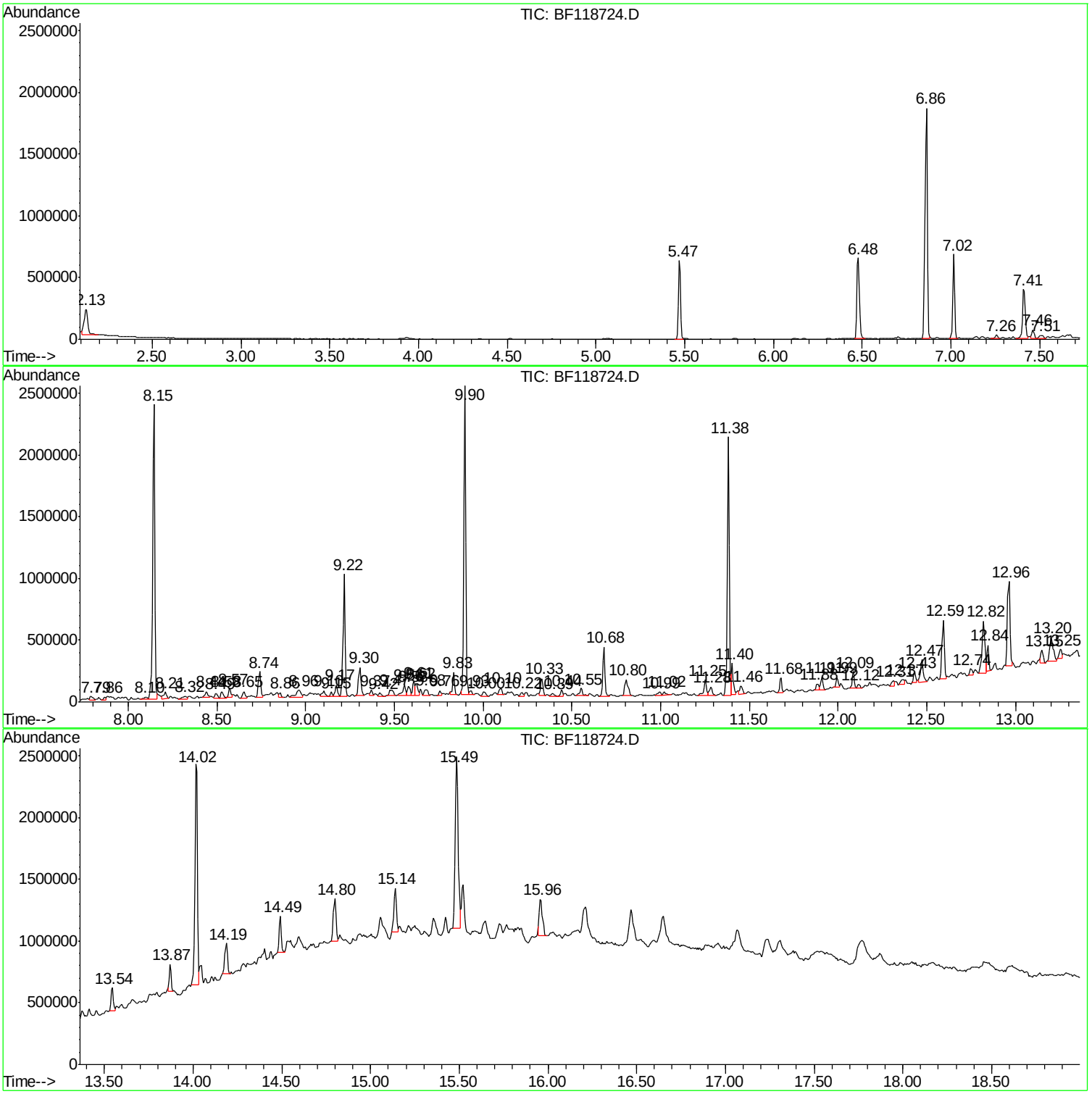
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

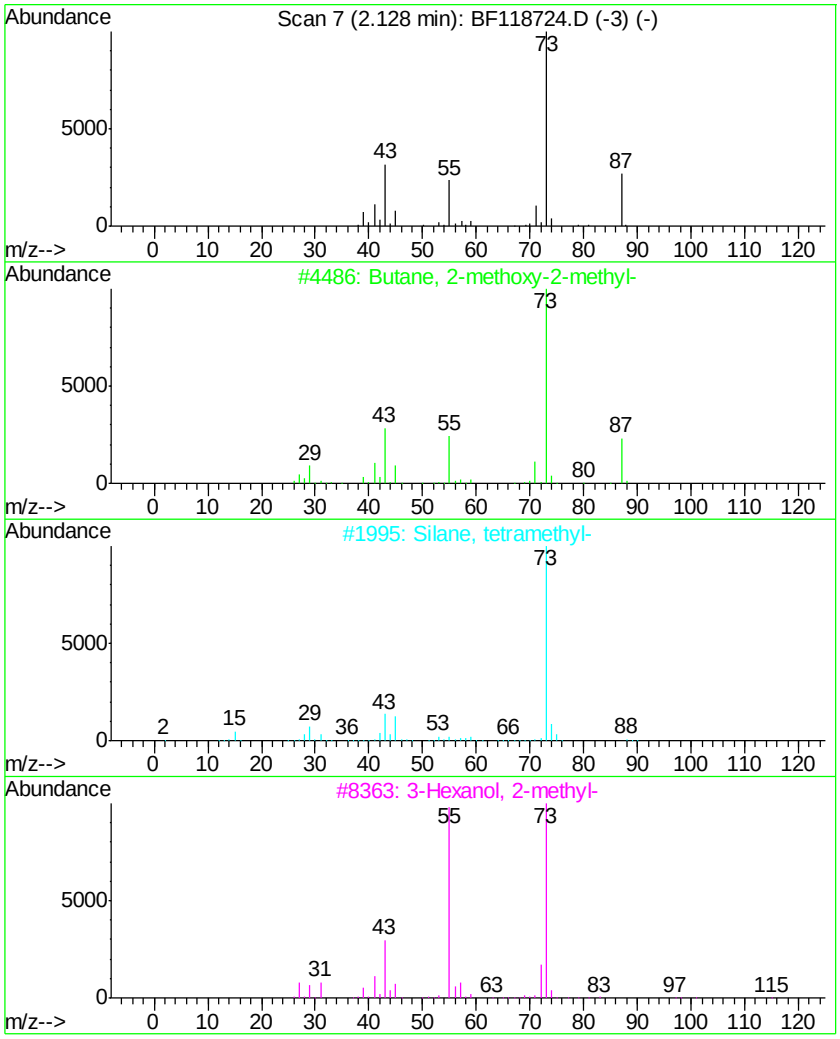
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

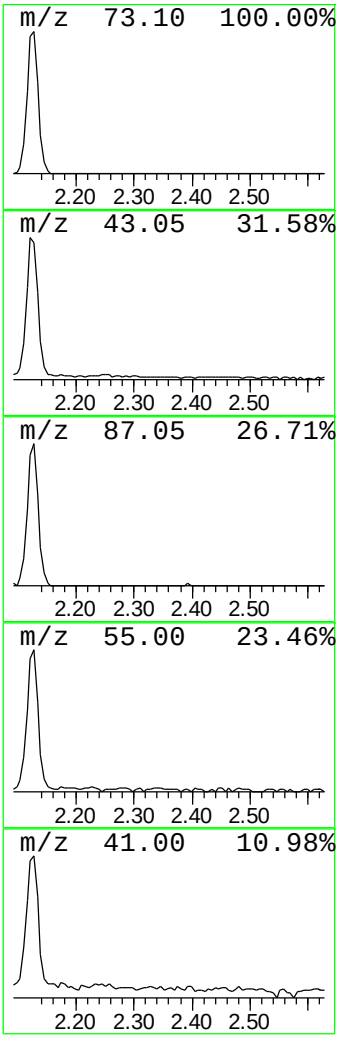
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	3.69 ng	297263	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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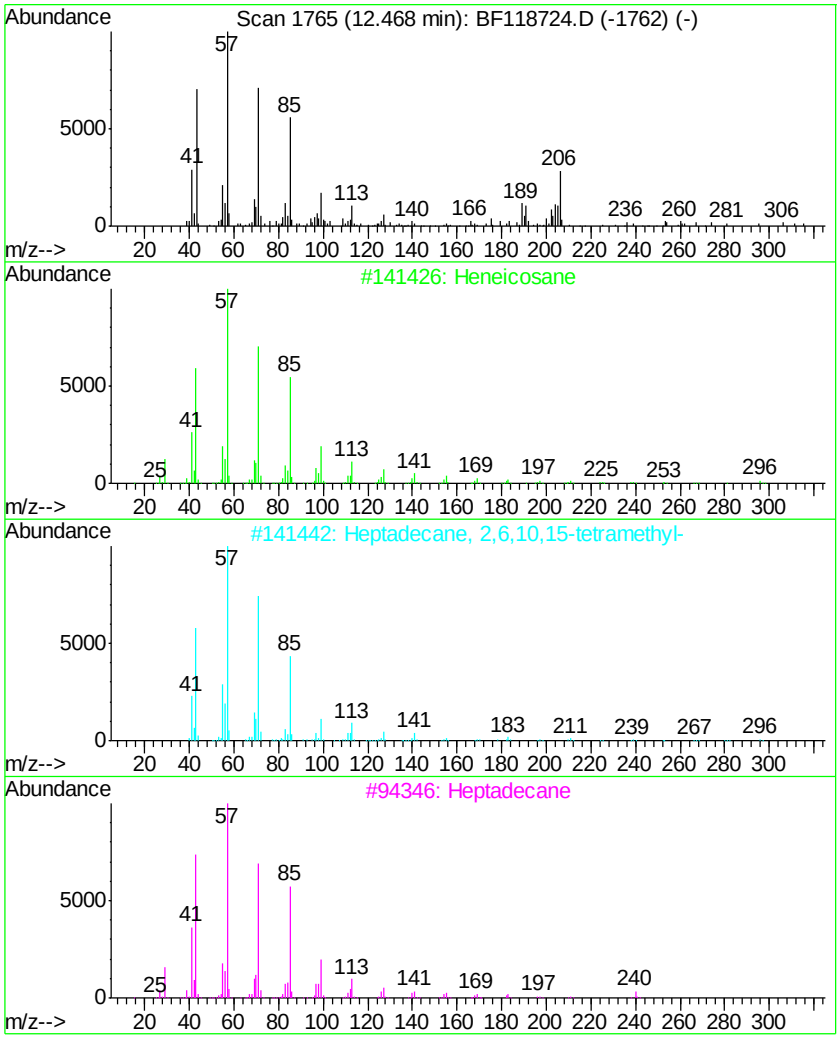
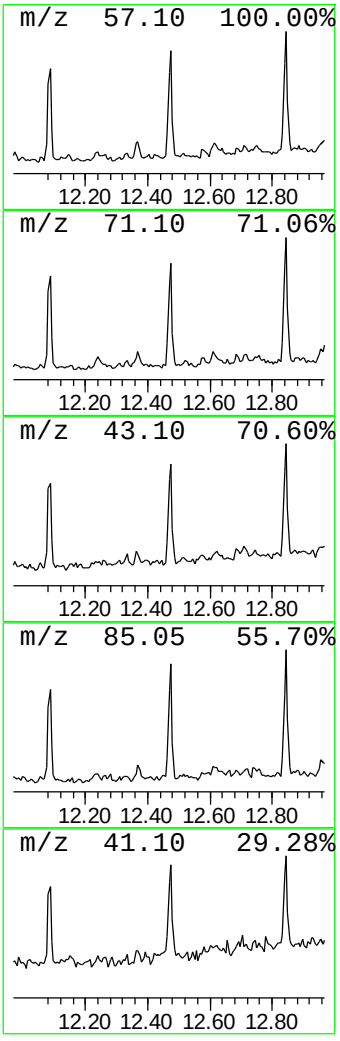
Peak Number 3 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.36 ng	210363	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
3	Heptadecane	240	C17H36	000629-78-7	87
4	Eicosane	282	C20H42	000112-95-8	83
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

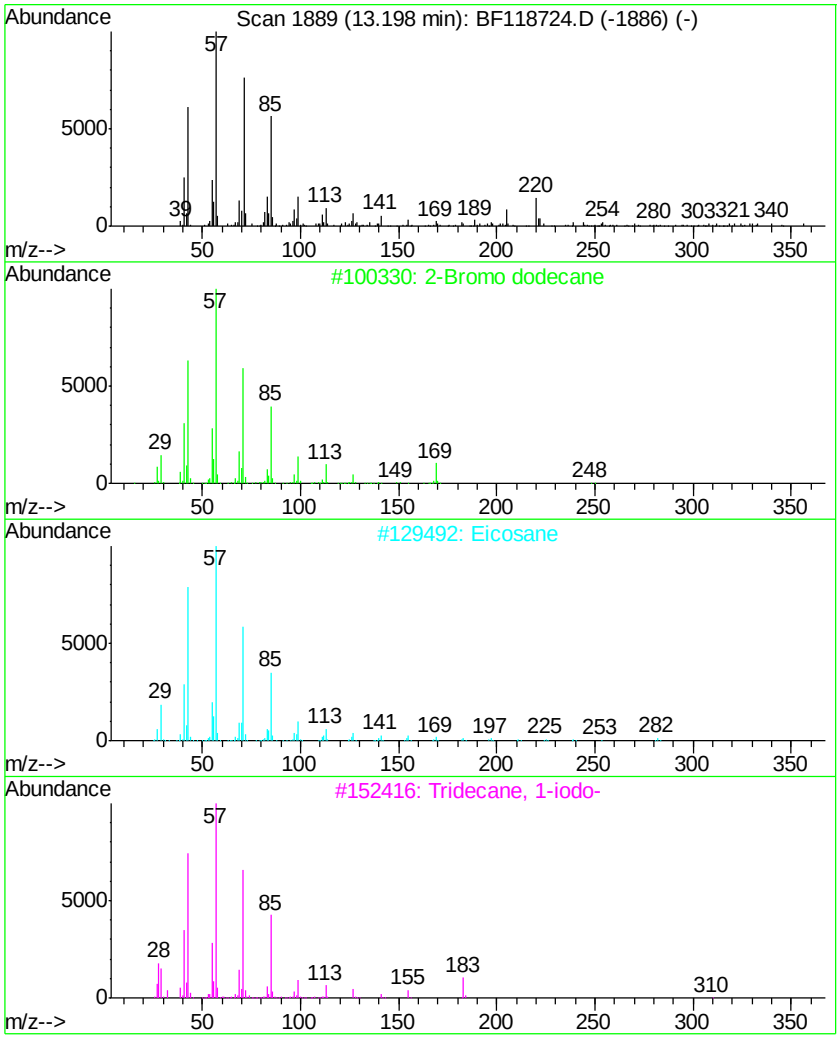
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

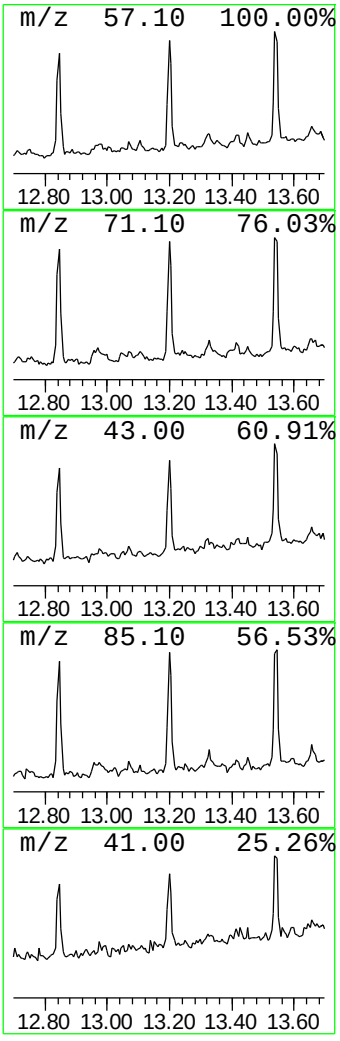
****

Peak Number 4 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.66 ng	256104	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
4	Hexacosane	366	C26H54	000630-01-3	83
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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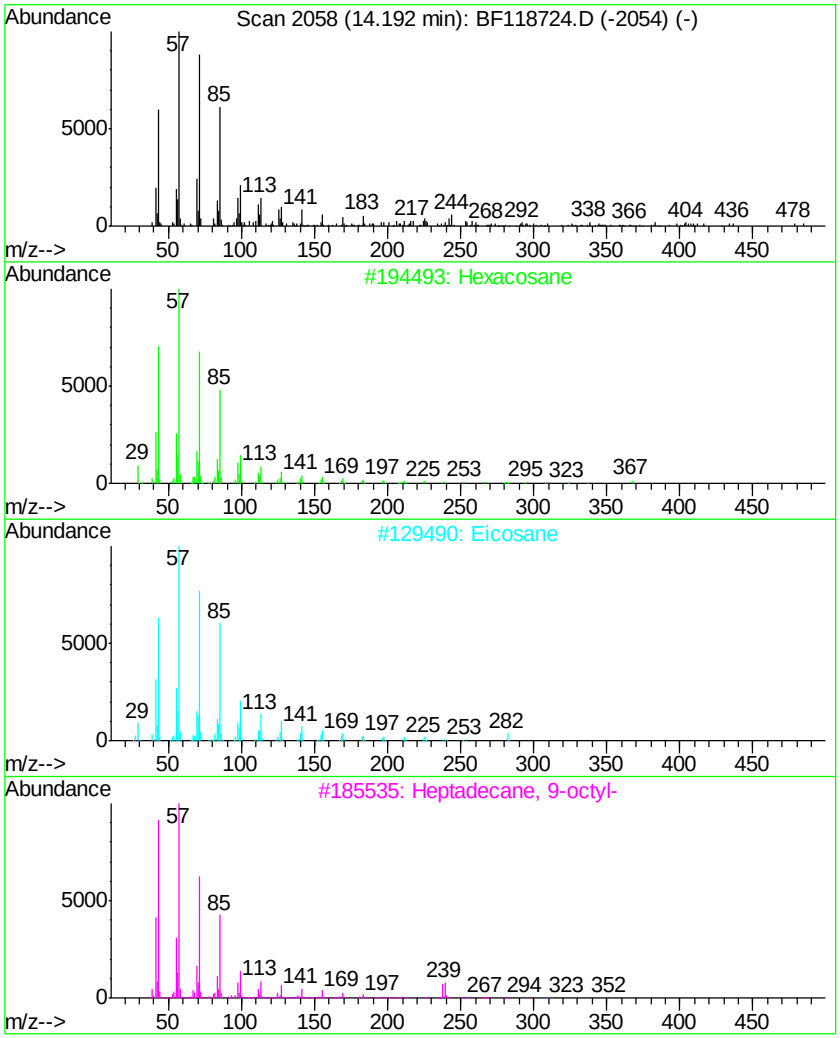
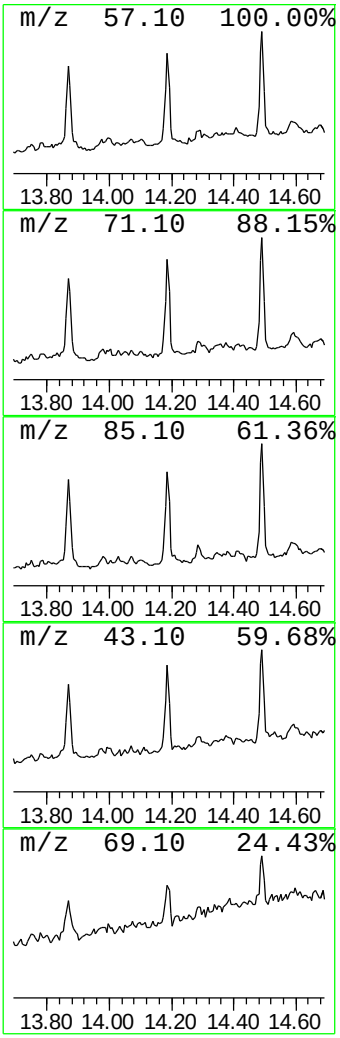
Peak Number 5 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.32 ng	223066	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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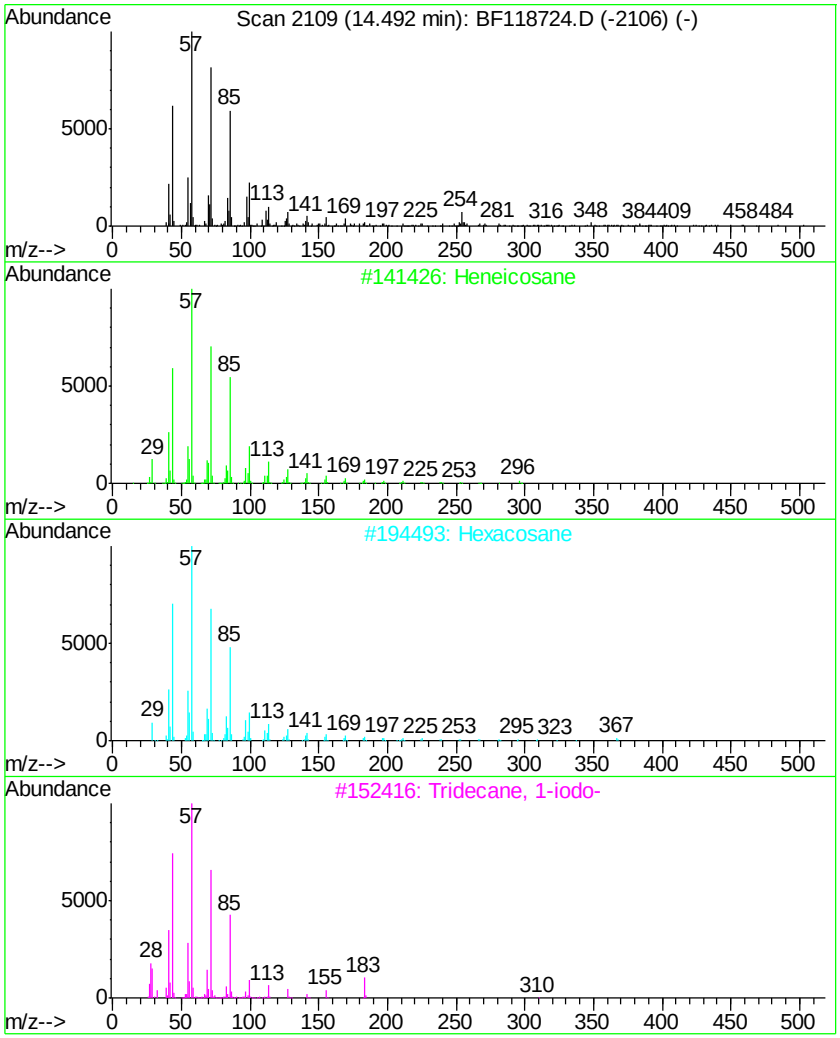
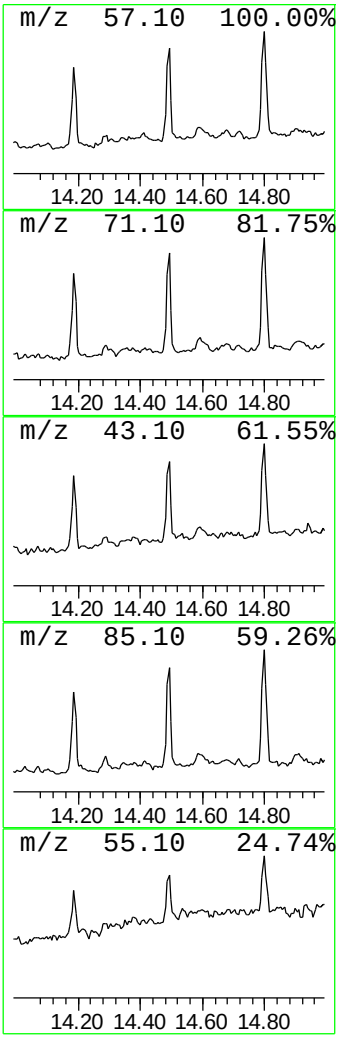
Peak Number 6 Tridecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.77 ng	266089	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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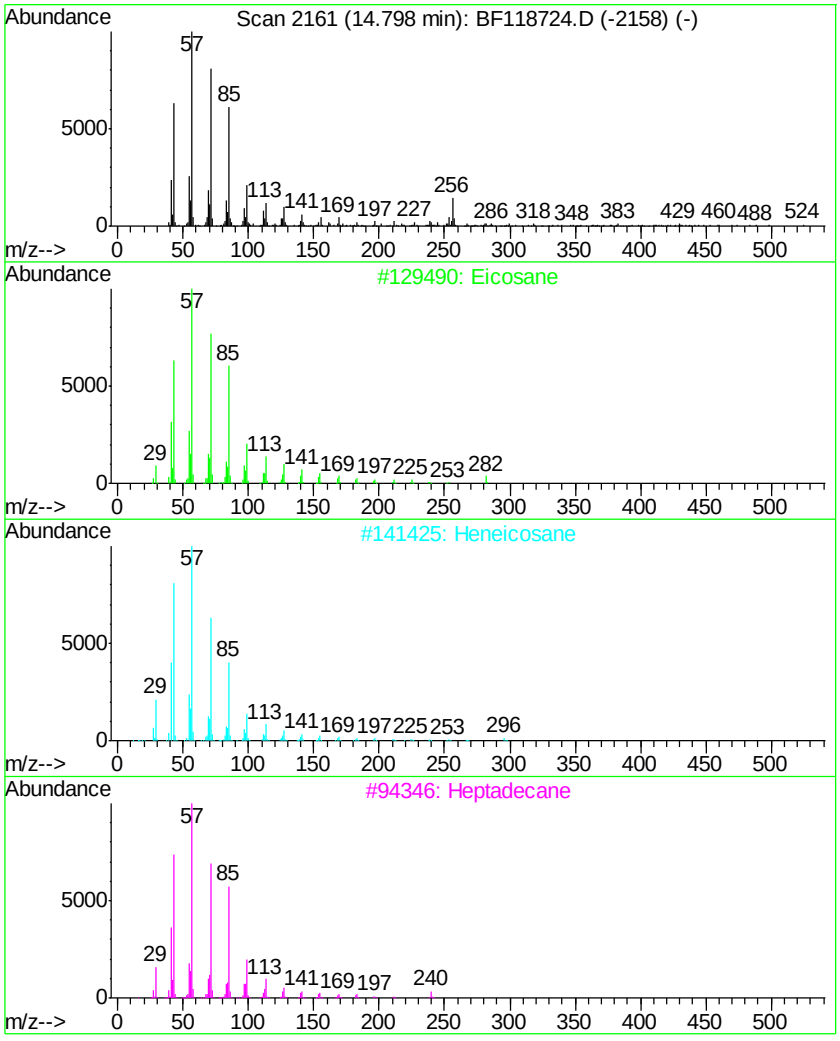
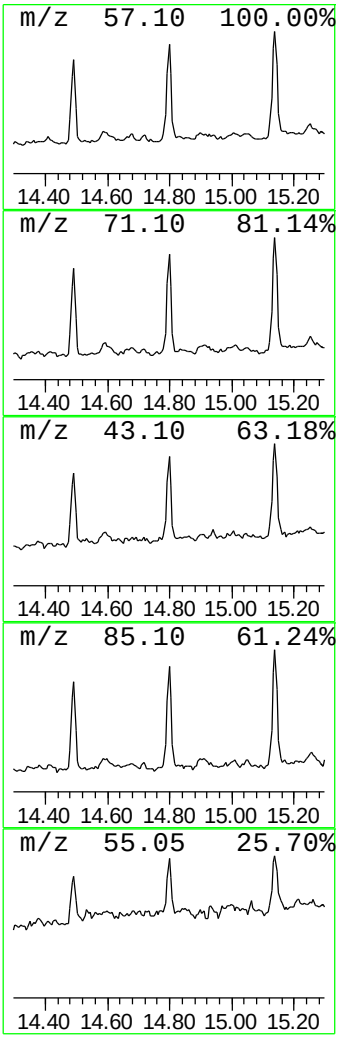
Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.85 ng	330347	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Triacontane	422	C30H62	000638-68-6	90





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Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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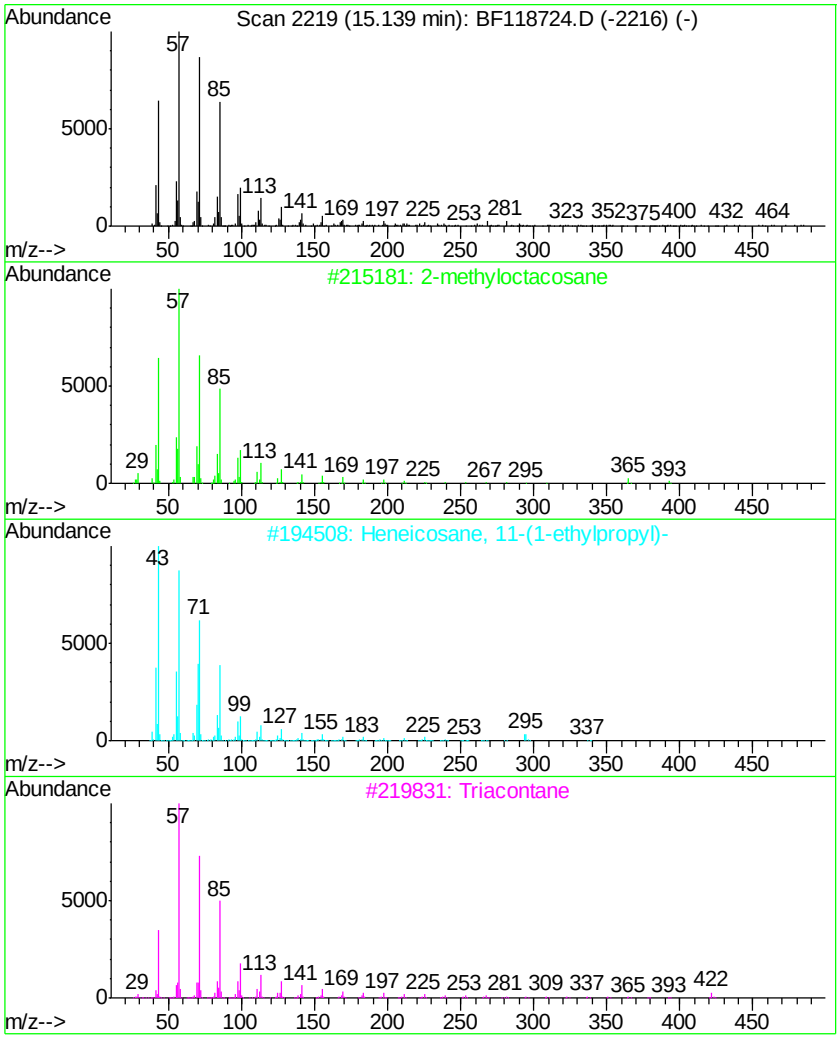
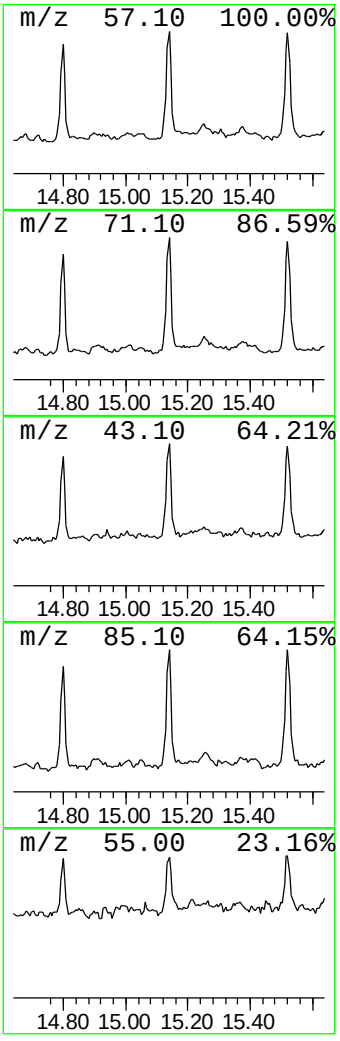
Peak Number 8 2-methyloctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.50 ng	386269	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





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Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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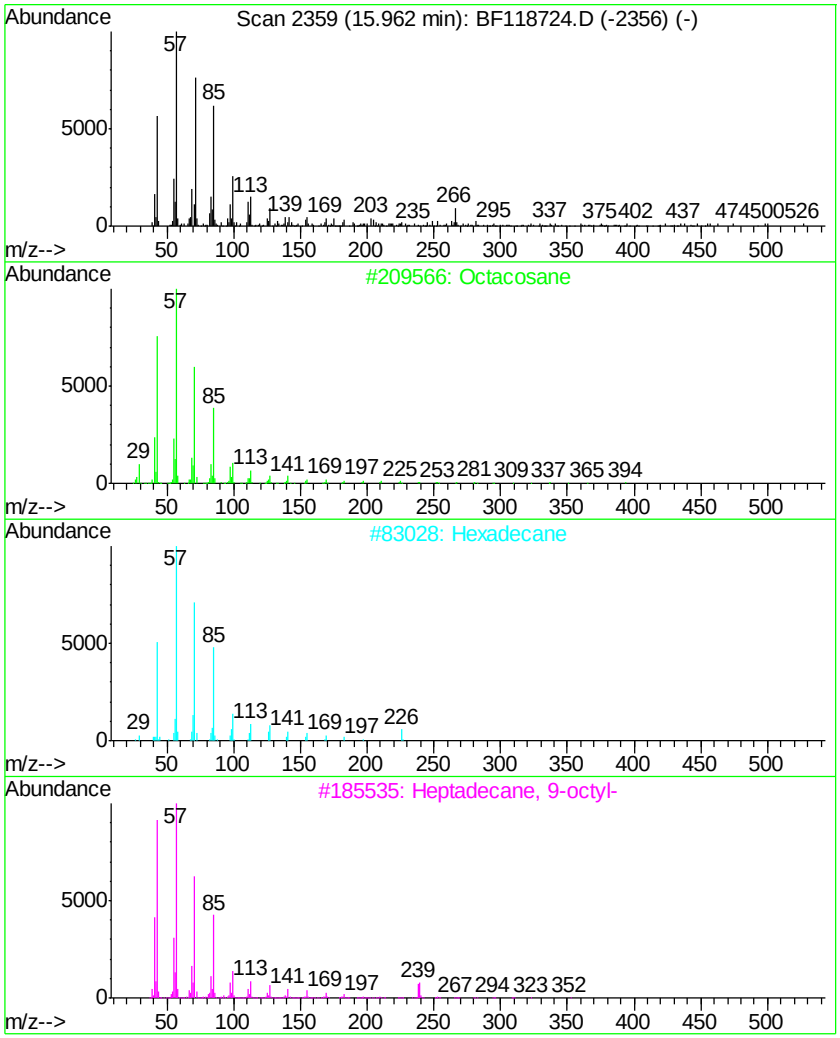
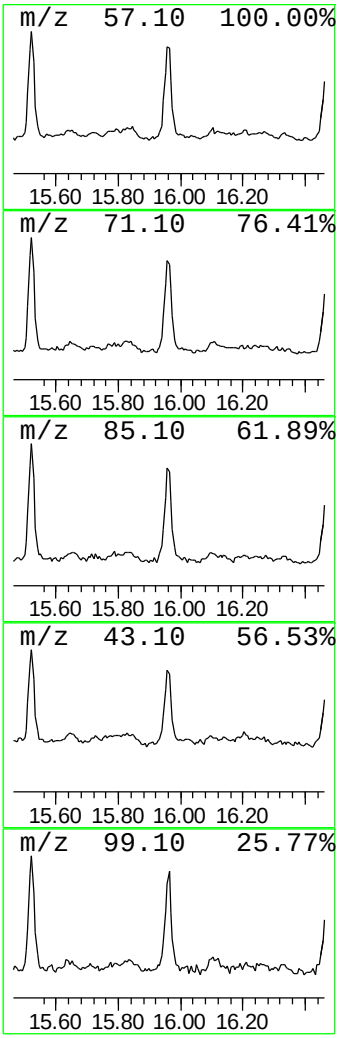
Peak Number 9 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.35 ng	373539	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012720\
Data File : BF118724.D
Acq On : 27 Jan 2020 17:37
Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.13	3.7	ng	297263	1	6.86	1609710	20.0
Heneicosane	12.47	2.4	ng	210363	4	11.38	1786330	20.0
2-Bromo dodecane	13.20	2.7	ng	256104	5	14.02	1924190	20.0
Hexacosane	14.19	2.3	ng	223066	5	14.02	1924190	20.0
Tridecane, 1-iodo-	14.49	2.8	ng	266089	5	14.02	1924190	20.0
Eicosane	14.80	3.9	ng	330347	6	15.49	1715560	20.0
2-methyloctacosane	15.14	4.5	ng	386269	6	15.49	1715560	20.0
Octacosane	15.96	4.3	ng	373539	6	15.49	1715560	20.0