LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

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-BF091020.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	5.387	557	561	576	rBV	240513	367051	37.36%	3.370%
2	6.410	731	735	753	rBV	253369	407317	41.46%	3.740%
3	6.763	791	795	803	rBV	862691	739356	75.26%	6.789%
4	7.328	888	891	895	rBV	219738	240410	24.47%	2.207%
5	8.045	1007	1013	1020	rBV	968900	936065	95.29%	8.595%
6	8.469	1081	1085	1087	rBV	14237	13981	1.42%	0.128%
7	8.639	1110	1114	1118	rBV	35684	35058	3.57%	0.322%
8	9.122	1192	1196	1206	rBV	500721	523004	53.24%	4.802%
9	9.198	1206	1209	1213	rVV	44809	53209	5.42%	0.489%
10	9.239	1214	1216	1219	rVV2	18736	21263	2.16%	0.195%
11	9.275	1219	1222	1228	rVB5	10221	12566	1.28%	0.115%
12	9.522	1259	1264	1271	rBV	58925	76875	7.83%	0.706%
13	9.663	1284	1288	1292	rBV	32921	32865	3.35%	0.302%
14	9.734	1297	1300	1304	rVV	44843	46226	4.71%	0.424%
15	9.798	1307	1311	1327	rVB	1008875	982342	100.00%	9.020%
16	9.963	1334	1339	1341	rBV4	7828	11406	1.16%	0.105%
17	10.051	1351	1354	1357	rVB4	12464	12882	1.31%	0.118%
18	10.228	1381	1384	1387	rVB	55318	42048	4.28%	0.386%
19	10.351	1402	1405	1411	rVB	11682	14000	1.43%	0.129%
20	10.445	1417	1421	1428	rBV	19338	27381	2.79%	0.251%
21	10.592	1443	1446	1456	rBV	147613	159391	16.23%	1.463%
22	10.698	1462	1464	1474	rBV	56377	75105	7.65%	0.690%
23	11.151	1538	1541	1543	rBV	50235	45551	4.64%	0.418%
24	11.180	1543	1546	1552	rVB2	29085	31378	3.19%	0.288%
25	11.286	1560	1564	1567	rBV	907153	830905	84.58%	7.629%
26	11.310	1567	1568	1575	rVV	103928	85797	8.73%	0.788%
27	11.363	1575	1577	1580	rVB	24491	21157	2.15%	0.194%
28	11.528	1602	1605	1610	rBV	14431	19003	1.93%	0.174%
29	11.575	1610	1613	1618	rVV	65304	56039	5.70%	0.515%
30	11.622	1618	1621	1625	rVB2	13381	17506	1.78%	0.161%
31	11.792	1646	1650	1652	rBV4	13525	19934	2.03%	0.183%
32	11.816	1652	1654	1660	rVB2	13723	16087	1.64%	0.148%
33	11.869	1660	1663	1665	rBV3	9990	11300	1.15%	0.104%
34	11.898	1665	1668	1670	rVV3	24515	25199	2.57%	0.231%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.922	1670	1672	1675	rVB3	16158	14811	1.51%	0.136%
36	11.980	1679	1682	1686	rBV	90540	80817	8.23%	0.742%
37	12.022	1686	1689	1691	rVB	18679	16192	1.65%	0.149%
38	12.080	1696	1699	1702	rBV5	15980	25457	2.59%	0.234%
39	12.116	1702	1705	1713	rVB5	20555	37304	3.80%	0.343%
40	12.186	1713	1717	1718	rBV4	10636	14402	1.47%	0.132%
41	12.210	1718	1721	1723	rBV2	26044	25287	2.57%	0.232%
42	12.263	1727	1730	1733	rBV2	37381	43290	4.41%	0.397%
43	12.333	1739	1742	1744	rBV2	52668	53017	5.40%	0.487%
44	12.369	1744	1748	1755	rVB2	161615	193484	19.70%	1.777%
45	12.457	1760	1763	1767	rBV3	36304	43962	4.48%	0.404%
46	12.498	1767	1770	1775	rBV	109853	113205	11.52%	1.039%
47	12.539	1775	1777	1782	rVB4	28054	38903	3.96%	0.357%
48	12.598	1782	1787	1791	rBV3	43809	75501	7.69%	0.693%
49	12.651	1793	1796	1799	rBV4	46801	61342	6.24%	0.563%
50	12.739	1804	1811	1816	rBV2	223309	344774	35.10%	3.166%
51	12.786	1816	1819	1822	rBV3	48912	53839	5.48%	0.494%
52	12.869	1829	1833	1836	rBV	487540	437182	44.50%	4.014%
53	12.945	1843	1846	1848	rBV4	25980	36831	3.75%	0.338%
54	13.004	1853	1856	1858	rVB3	31444	34647	3.53%	0.318%
55	13.098	1869	1872	1875	rBV	203802	175653	17.88%	1.613%
56	13.439	1927	1930	1933	rVB	229874	175092	17.82%	1.608%
57	13.769	1983	1986	1989	rBV	184479	171481	17.46%	1.574%
58	13.927	2009	2013	2016	rBV	872255	825811	84.07%	7.582%
59	14.086	2037	2040	2045	rVB	218786	211161	21.50%	1.939%
60	14.386	2089	2091	2094	rBV	178879	176020	17.92%	1.616%
61	14.686	2140	2142	2145	rBV	169783	153570	15.63%	1.410%
62	15.016	2195	2198	2203	rVB	190266	219073	22.30%	2.011%
63	15.374	2254	2259	2266	rBV2	577861	809633	82.42%	7.434%
64	15.798	2327	2331	2337	rVB	154672	219805	22.38%	2.018%

Sum of corrected areas: 10891203

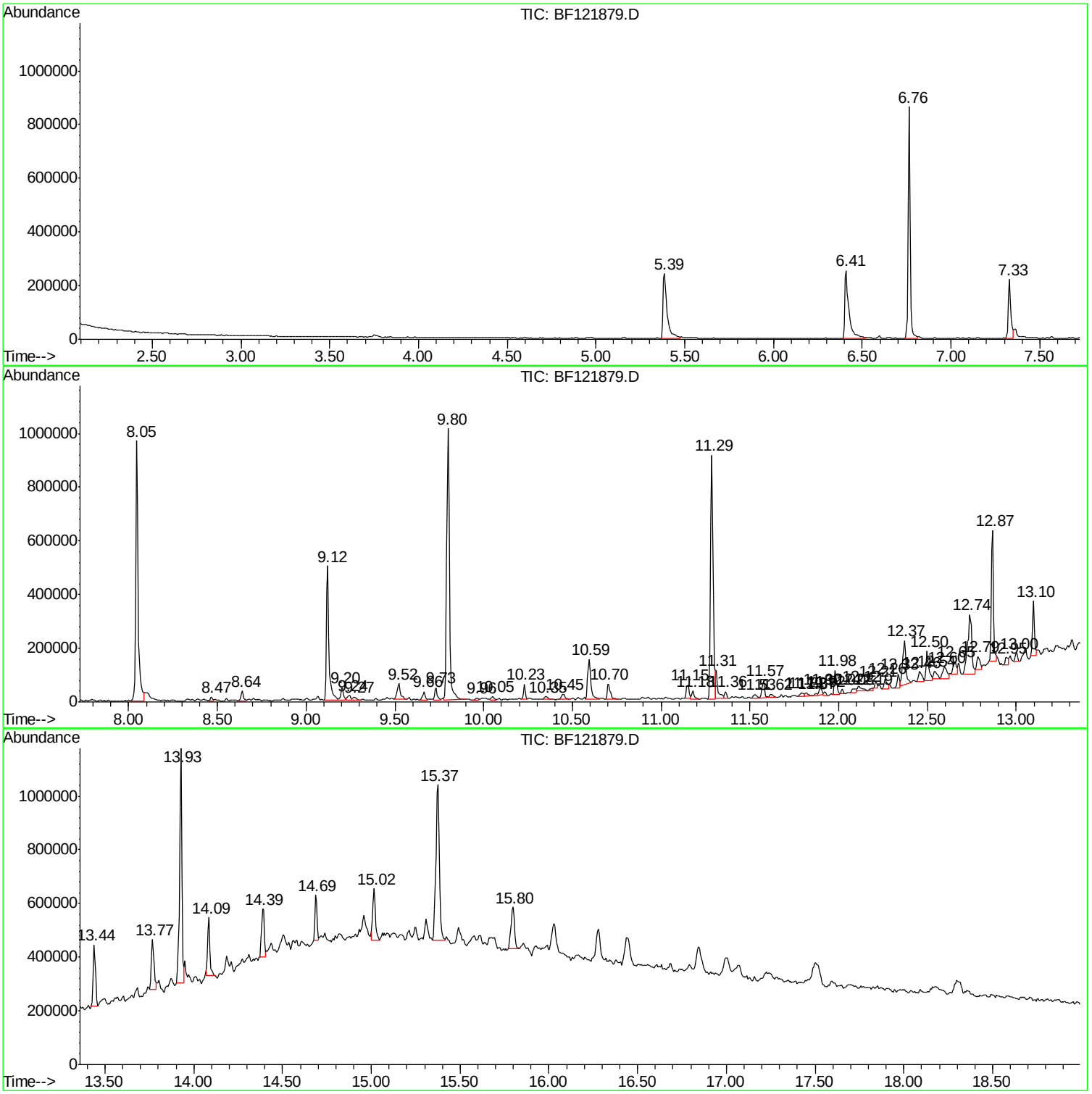
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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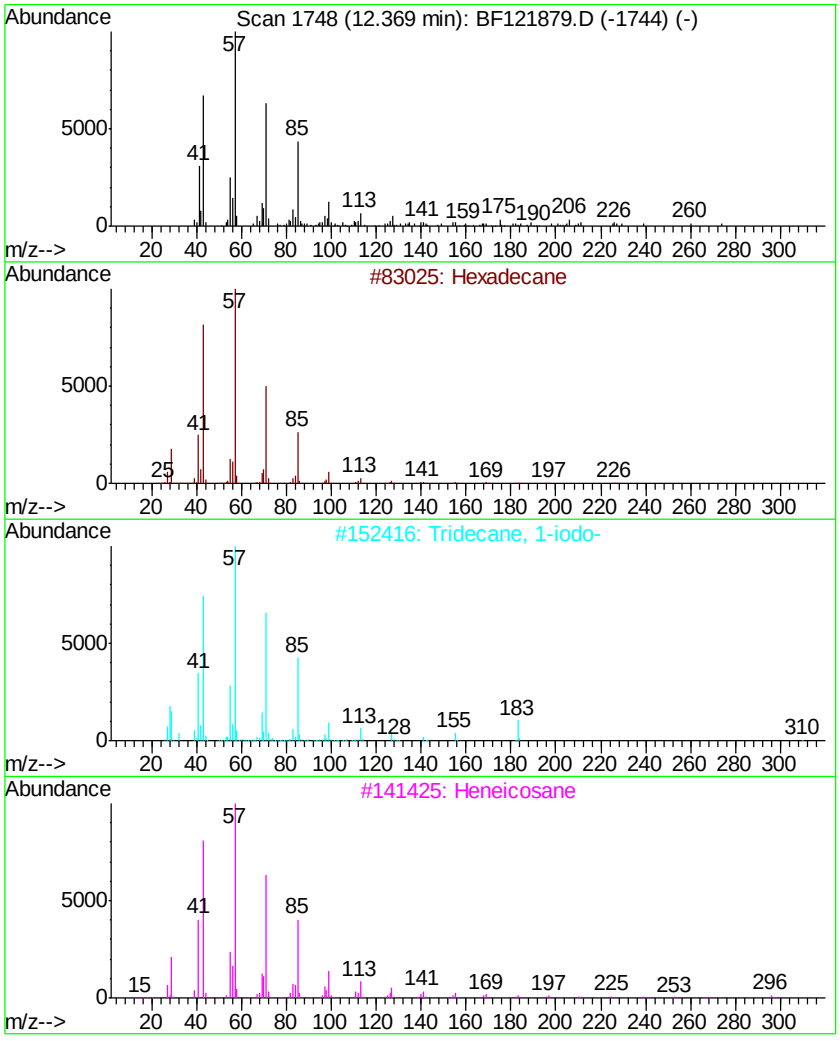
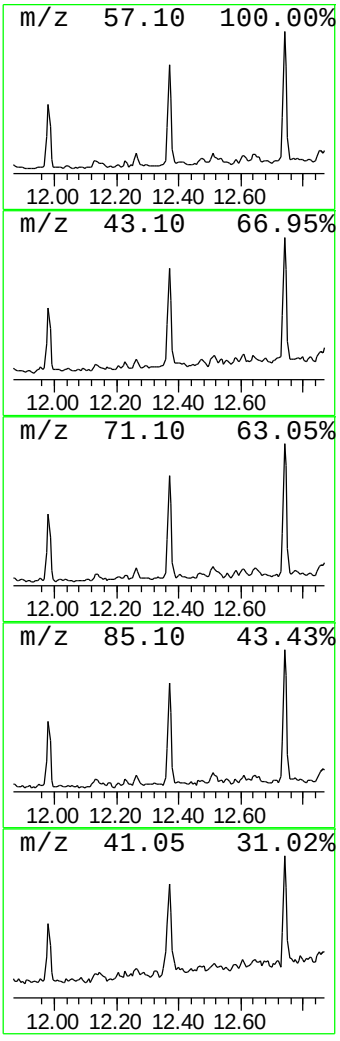
Peak Number 1 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.66 ng	193484	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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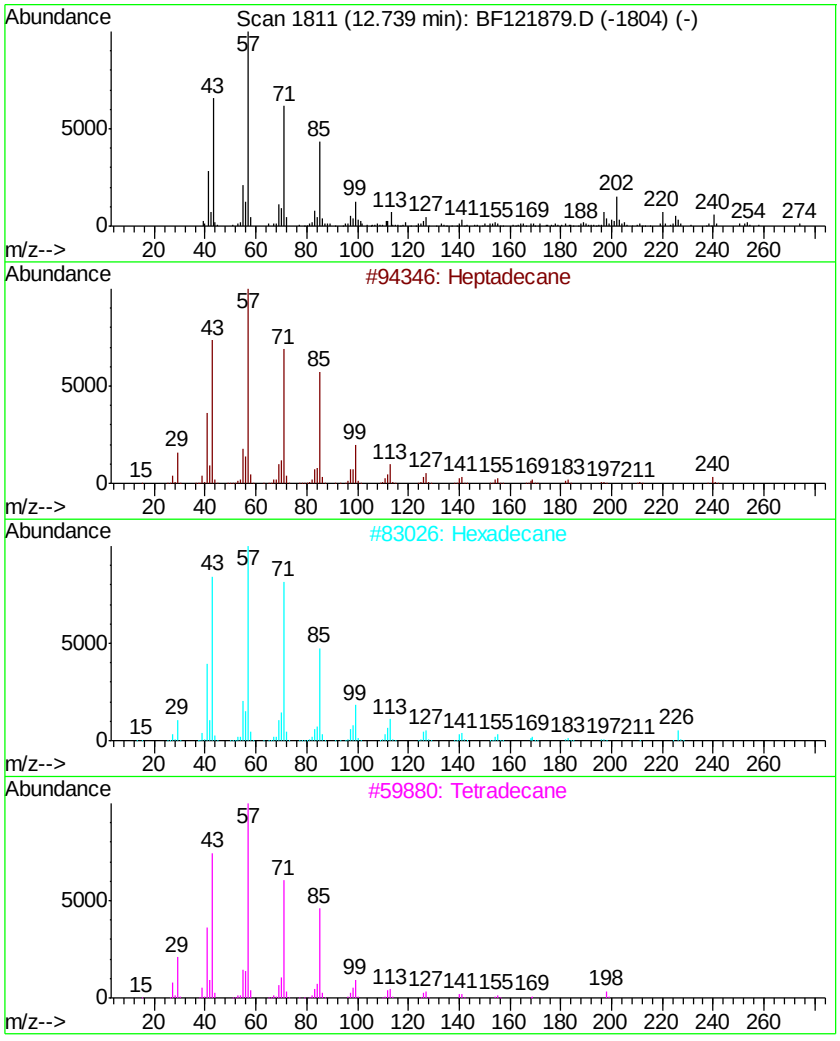
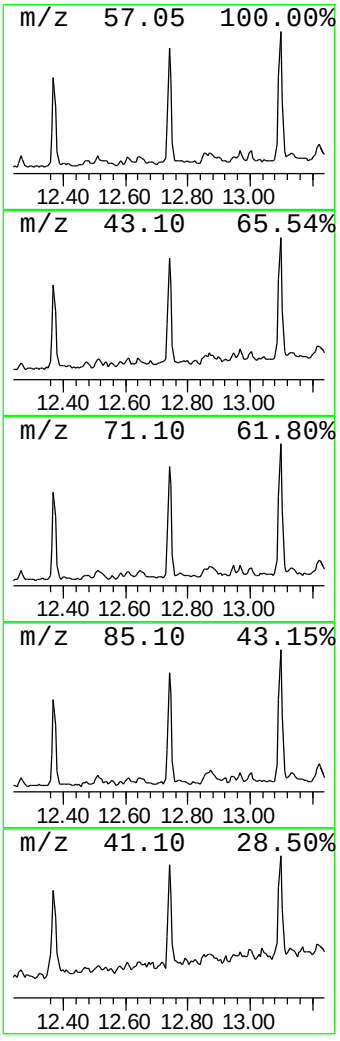
Peak Number 2 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	8.35 ng	344774	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tetradecane	198	C14H30	000629-59-4	81
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
5	Eicosane	282	C20H42	000112-95-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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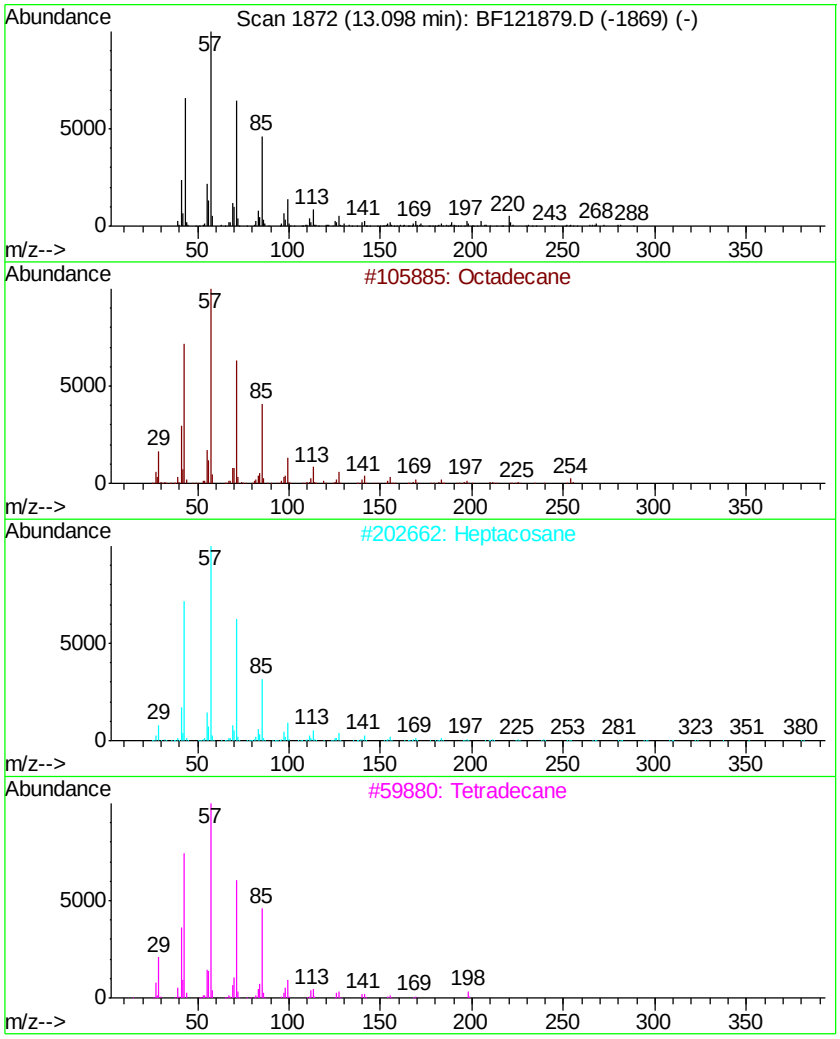
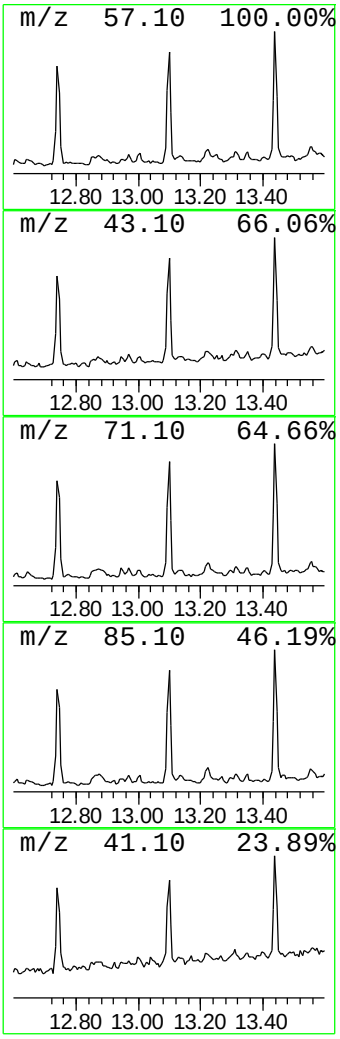
Peak Number 3 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.25 ng	175653	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentacosane	352	C25H52	000629-99-2	86
5	Octacosane	394	C28H58	000630-02-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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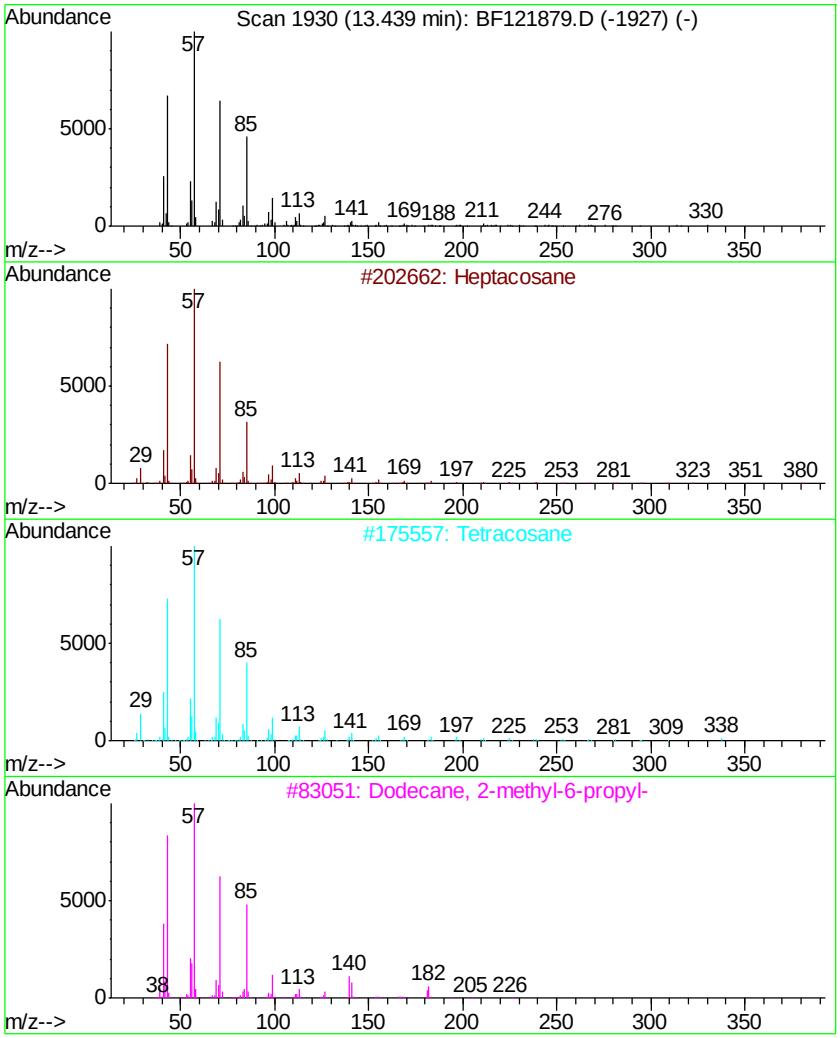
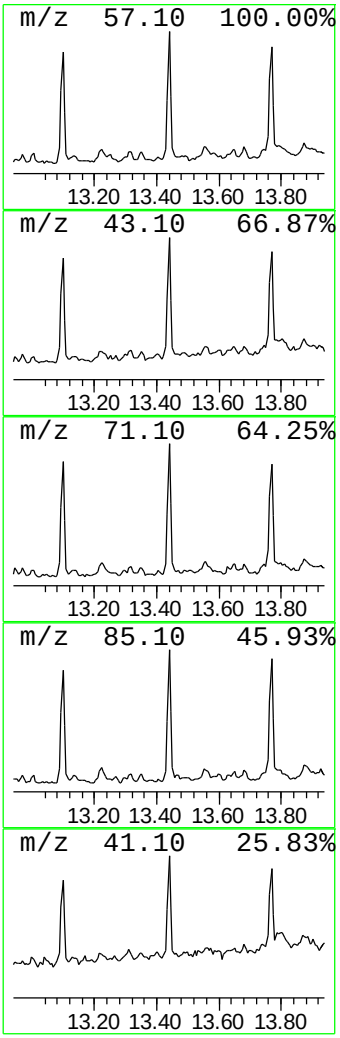
Peak Number 4 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.24 ng	175092	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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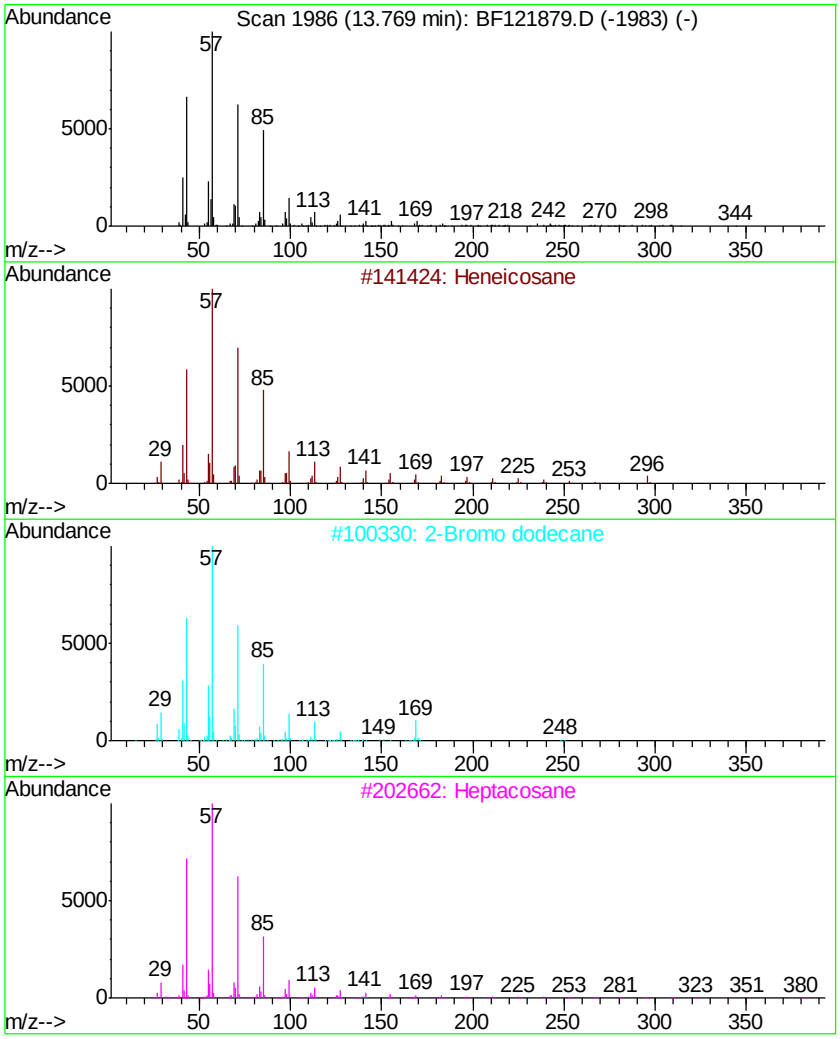
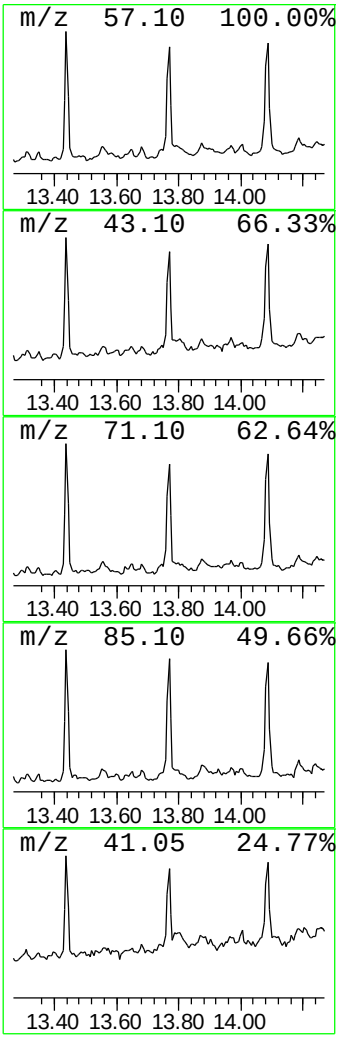
Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.15 ng	171481	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heptacosane	380	C27H56	000593-49-7	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Tetracosane	338	C24H50	000646-31-1	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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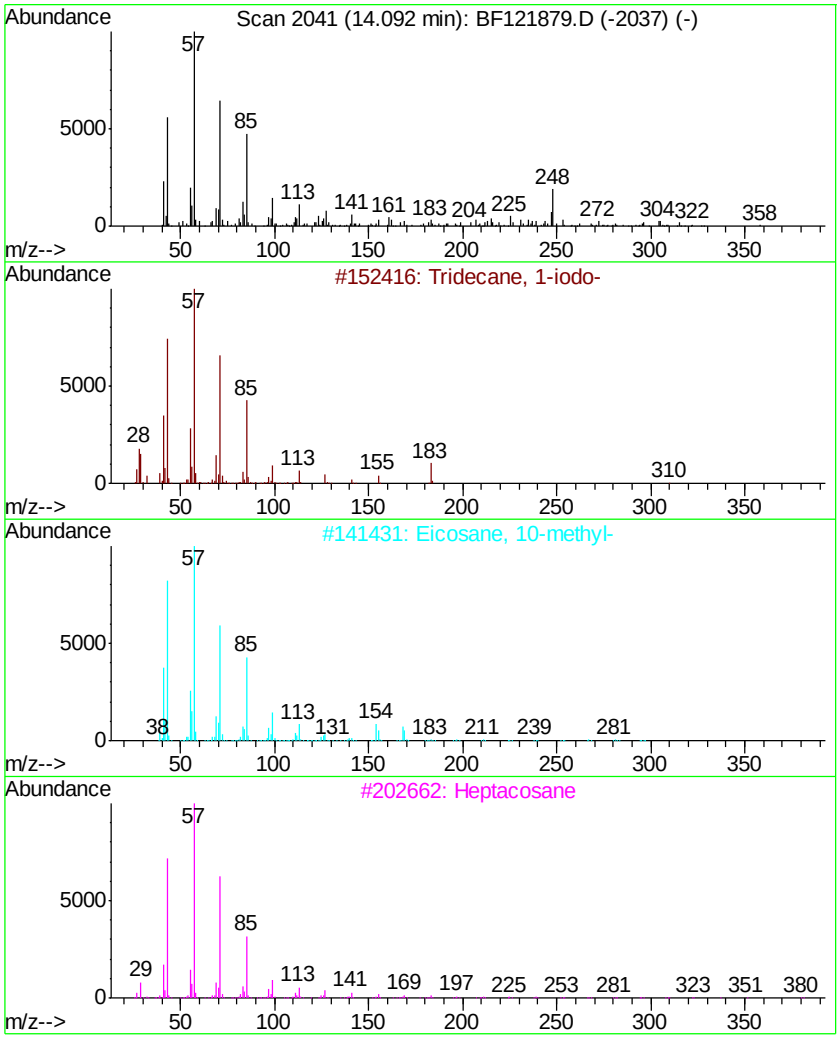
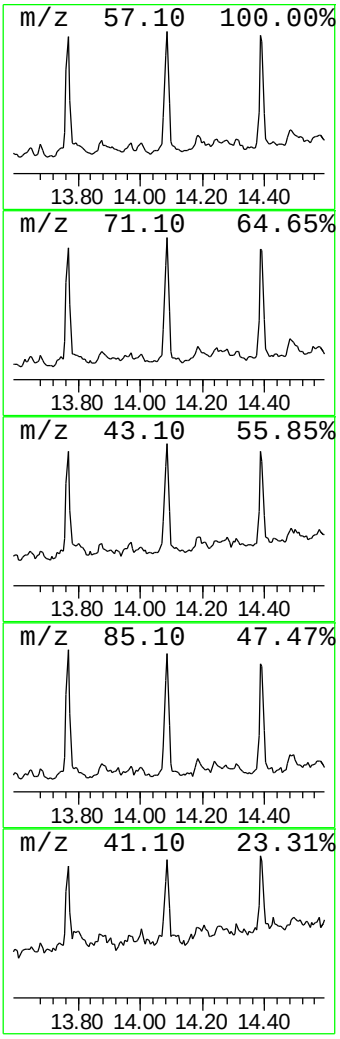
Peak Number 6 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	5.11 ng	211161	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Docosane	310	C22H46	000629-97-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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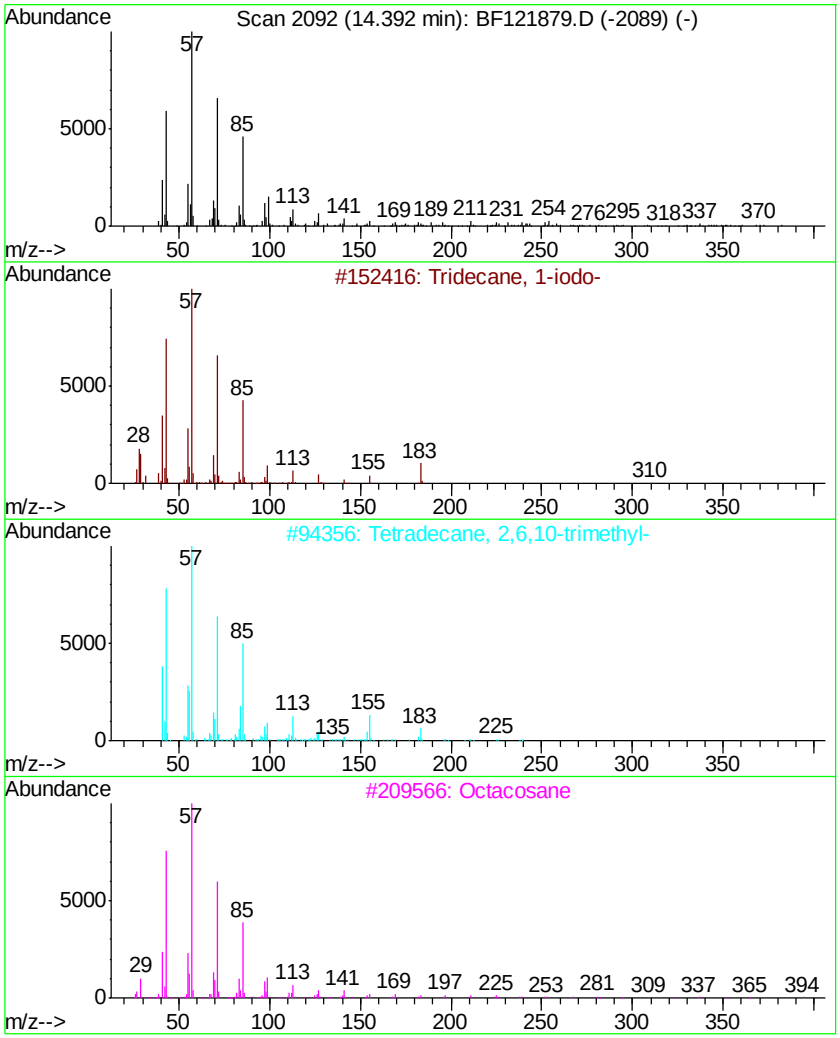
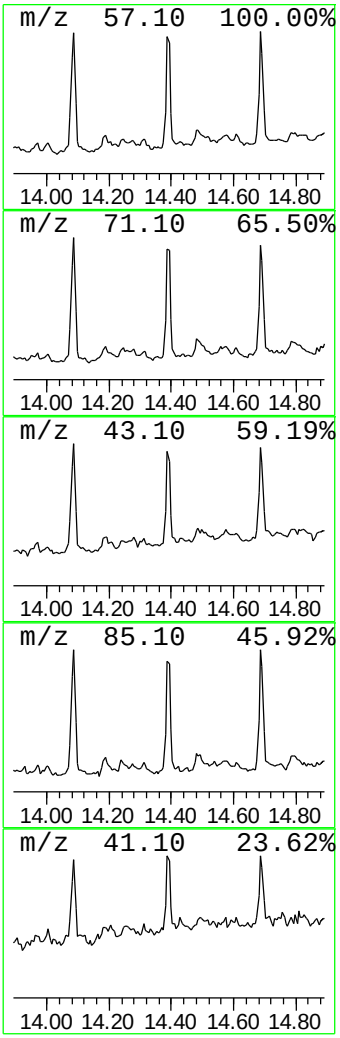
Peak Number 7 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.26 ng	176020	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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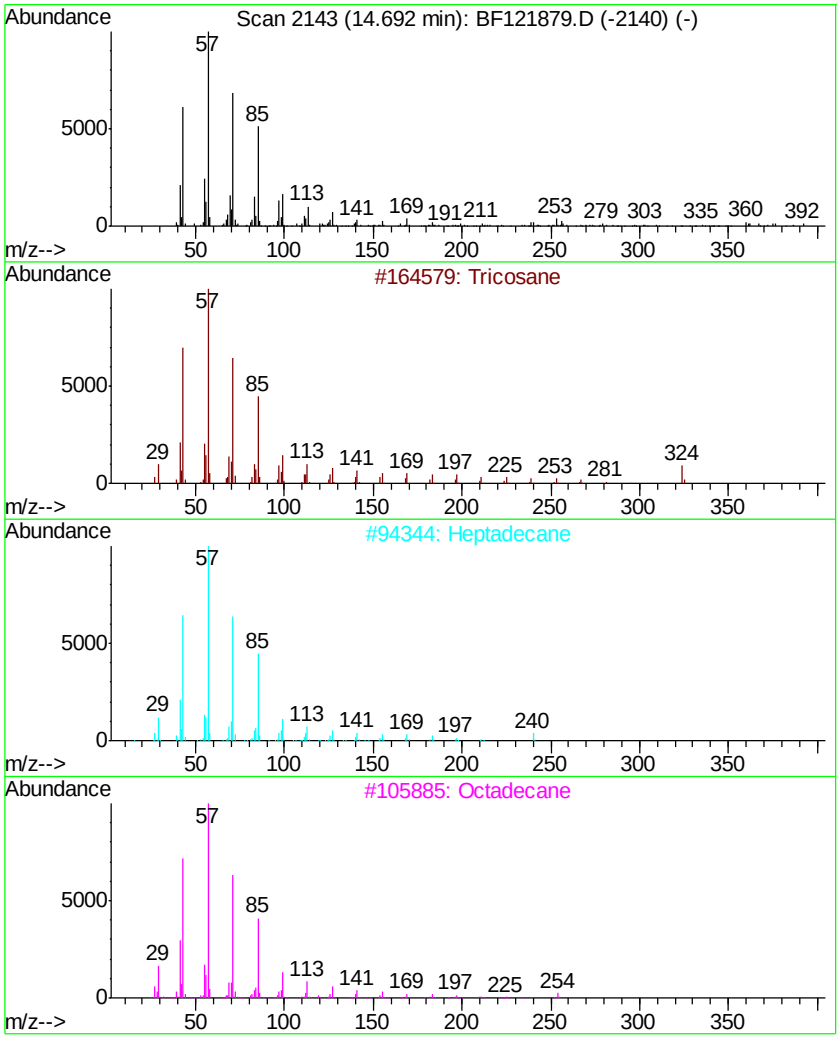
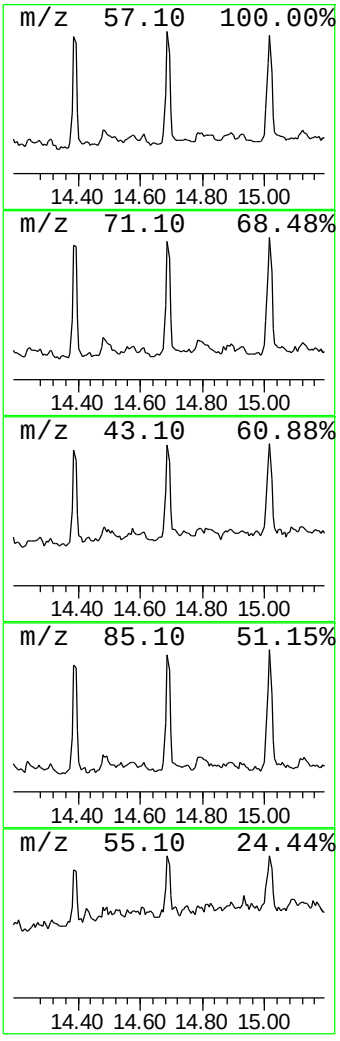
Peak Number 8 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.79 ng	153570	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Octadecane	254	C18H38	000593-45-3	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





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Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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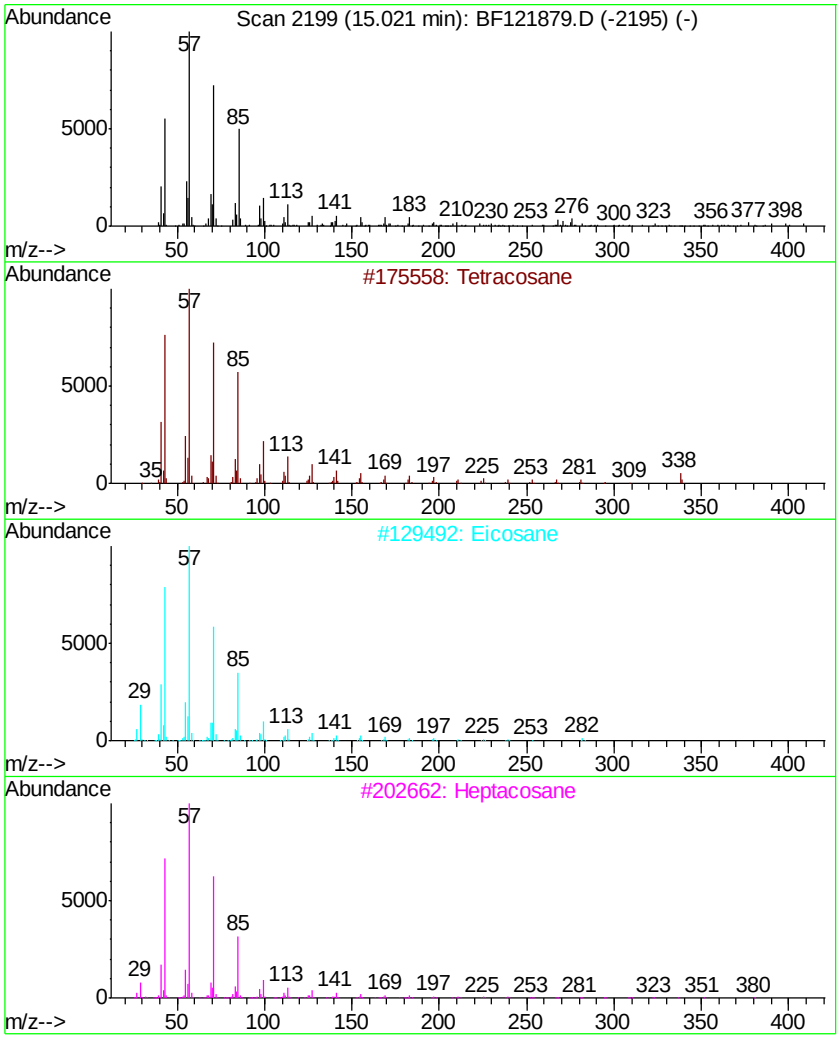
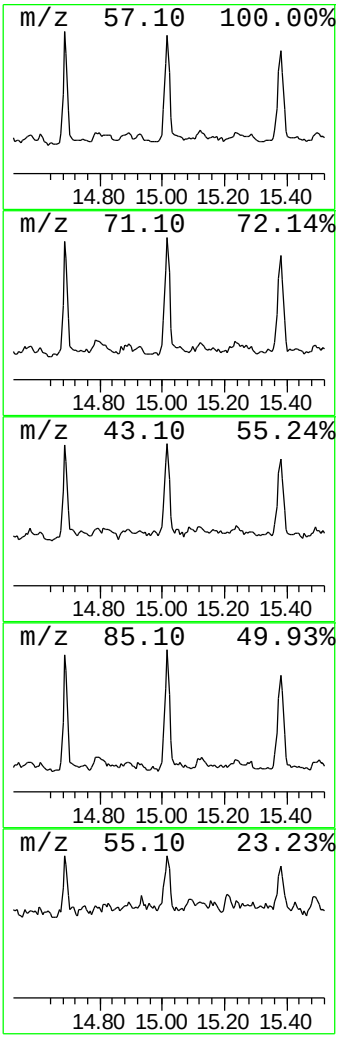
Peak Number 9 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	5.41 ng	219073	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	96
3	Heptacosane	380	C27H56	000593-49-7	95
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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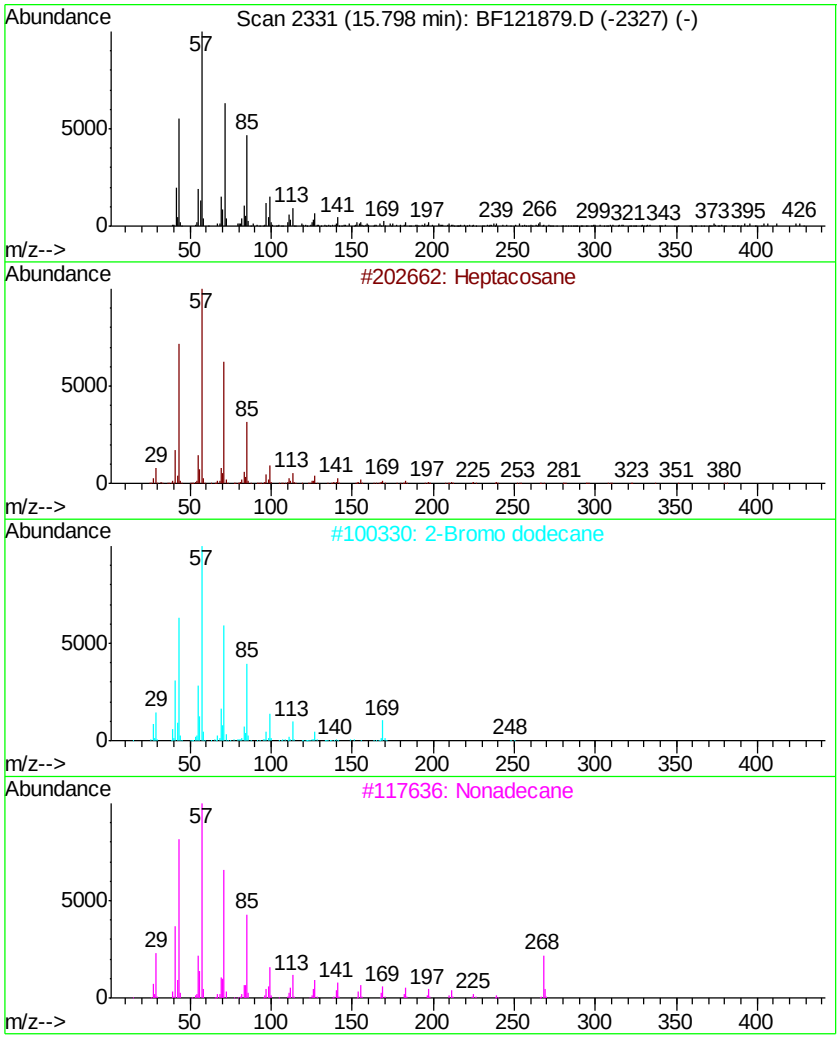
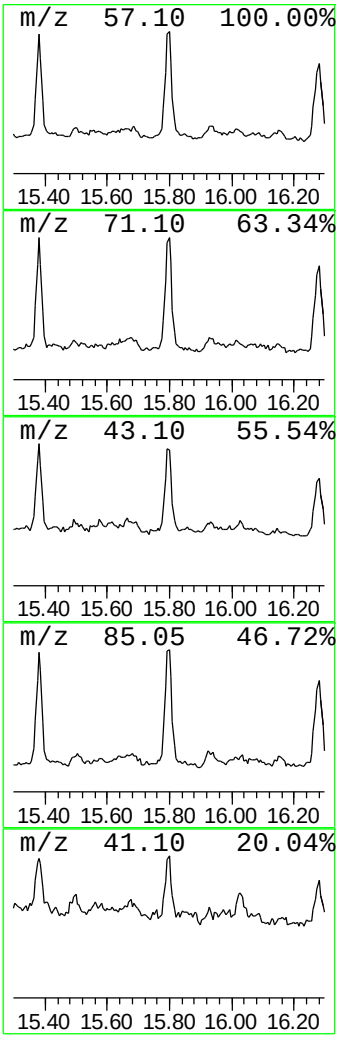
Peak Number 10 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.43 ng	219805	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100720\
Data File : BF121879.D
Acq On : 7 Oct 2020 18:00
Operator : JU/CG
Sample : L4221-06 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-100620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Hexadecane	12.37	4.7	ng	193484	4	11.29	830905	20.0
Heptadecane	12.74	8.3	ng	344774	5	13.93	825811	20.0
Octadecane	13.10	4.3	ng	175653	5	13.93	825811	20.0
Heptacosane	13.44	4.2	ng	175092	5	13.93	825811	20.0
Heneicosane	13.77	4.2	ng	171481	5	13.93	825811	20.0
Tridecane, 1-iodo-	14.09	5.1	ng	211161	5	13.93	825811	20.0
Tetradecane, 2,6,...	14.39	4.3	ng	176020	5	13.93	825811	20.0
Tricosane	14.69	3.8	ng	153570	6	15.37	809633	20.0
Tetracosane	15.02	5.4	ng	219073	6	15.37	809633	20.0
2-Bromo dodecane	15.80	5.4	ng	219805	6	15.37	809633	20.0