LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121305.D
Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

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-BF081320.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	5.304	543	547	565	rBV	642974	672175	57.13%	5.234%
2	6.340	720	723	736	rBV	769131	679235	57.73%	5.289%
3	6.704	781	785	792	rBV	664403	521834	44.35%	4.063%
4	7.263	877	880	892	rBV	514792	463737	39.42%	3.611%
5	7.987	1000	1003	1010	rBV	853725	682187	57.98%	5.312%
6	9.063	1182	1186	1189	rBV	1177414	899402	76.45%	7.003%
7	9.457	1250	1253	1257	rBV	40847	40612	3.45%	0.316%
8	9.739	1297	1301	1305	rBV	1013992	799136	67.92%	6.222%
9	10.145	1367	1370	1373	rBV3	15267	19063	1.62%	0.148%
10	10.286	1391	1394	1396	rBV2	15762	17000	1.44%	0.132%
11	10.398	1411	1413	1418	rBV5	13714	22803	1.94%	0.178%
12	10.528	1431	1435	1441	rBV	602403	606643	51.56%	4.724%
13	11.122	1534	1536	1541	rVB2	47381	54427	4.63%	0.424%
14	11.222	1549	1553	1555	rBV	1053788	873566	74.25%	6.802%
15	11.245	1555	1557	1561	rVB	203747	172454	14.66%	1.343%
16	12.045	1691	1693	1698	rBV4	50300	55134	4.69%	0.429%
17	12.274	1729	1732	1735	rVB	63736	57530	4.89%	0.448%
18	12.433	1755	1759	1762	rVB	439686	401390	34.12%	3.125%
19	12.657	1792	1797	1800	rVB	375412	379387	32.25%	2.954%
20	12.804	1818	1822	1829	rVB	1326497	1176499	100.00%	9.161%
21	12.986	1851	1853	1856	rVB	61945	51205	4.35%	0.399%
22	13.492	1937	1939	1944	rVB	34134	34911	2.97%	0.272%
23	13.604	1956	1958	1960	rBV2	34880	24917	2.12%	0.194%
24	13.710	1973	1976	1984	rVB2	185693	263955	22.44%	2.055%
25	13.857	1995	2001	2003	rBV2	994016	1172652	99.67%	9.131%
26	13.880	2003	2005	2011	rVB	215159	195604	16.63%	1.523%
27	13.957	2016	2018	2021	rVB	35860	30712	2.61%	0.239%
28	14.239	2064	2066	2069	rVB	22735	21255	1.81%	0.166%
29	14.333	2079	2082	2083	rBV2	58734	51866	4.41%	0.404%
30	14.698	2141	2144	2146	rBV2	22695	25501	2.17%	0.199%
31	14.763	2153	2155	2161	rVB5	33061	29874	2.54%	0.233%
32	14.863	2169	2172	2175	rBV	190774	261277	22.21%	2.034%
33	14.939	2182	2185	2188	rBV	55445	59734	5.08%	0.465%
34	14.974	2188	2191	2201	rVB3	90412	189108	16.07%	1.472%

LSC Area Percent Report

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Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

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-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.151	2217	2221	2227	rVB	103514	133406	11.34%	1.039%
36	15.210	2227	2231	2236	rVB	133701	166533	14.15%	1.297%
37	15.268	2236	2241	2244	rBV	716107	842973	71.65%	6.564%
38	15.698	2310	2314	2320	rVB	76134	118613	10.08%	0.924%
39	15.757	2321	2324	2332	rBV7	38600	92741	7.88%	0.722%
40	16.162	2390	2393	2397	rBV3	22098	28370	2.41%	0.221%
41	16.621	2466	2471	2480	rBV3	77660	168970	14.36%	1.316%
42	16.704	2481	2485	2493	rVB2	45212	86567	7.36%	0.674%
43	17.027	2536	2540	2549	rVB	64331	123142	10.47%	0.959%
44	17.174	2560	2565	2574	rVB10	32758	74595	6.34%	0.581%

Sum of corrected areas: 12842695

LSC Report - Integrated Chromatogram

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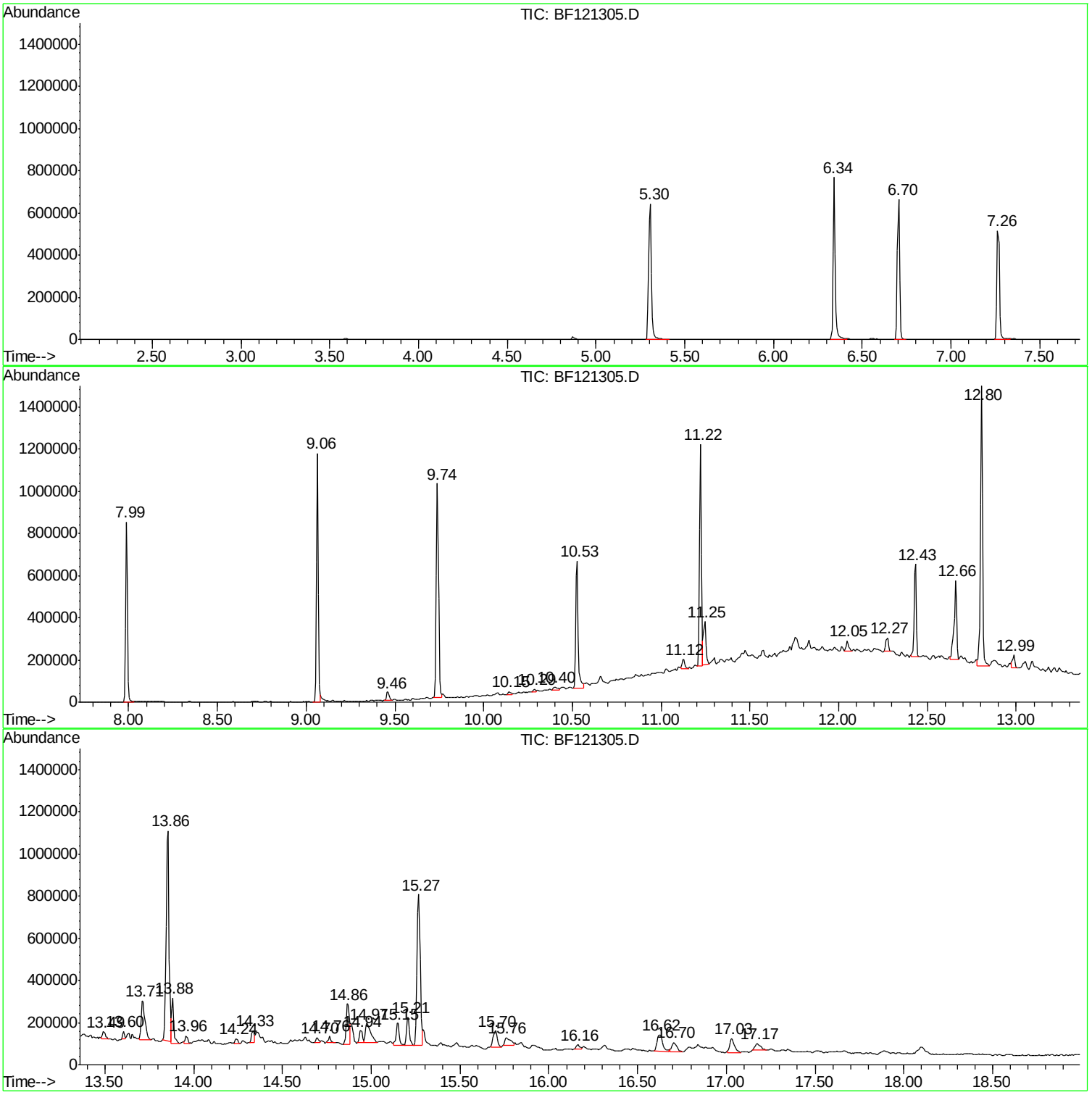
Data File : BF121305.D
Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121305.D
Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

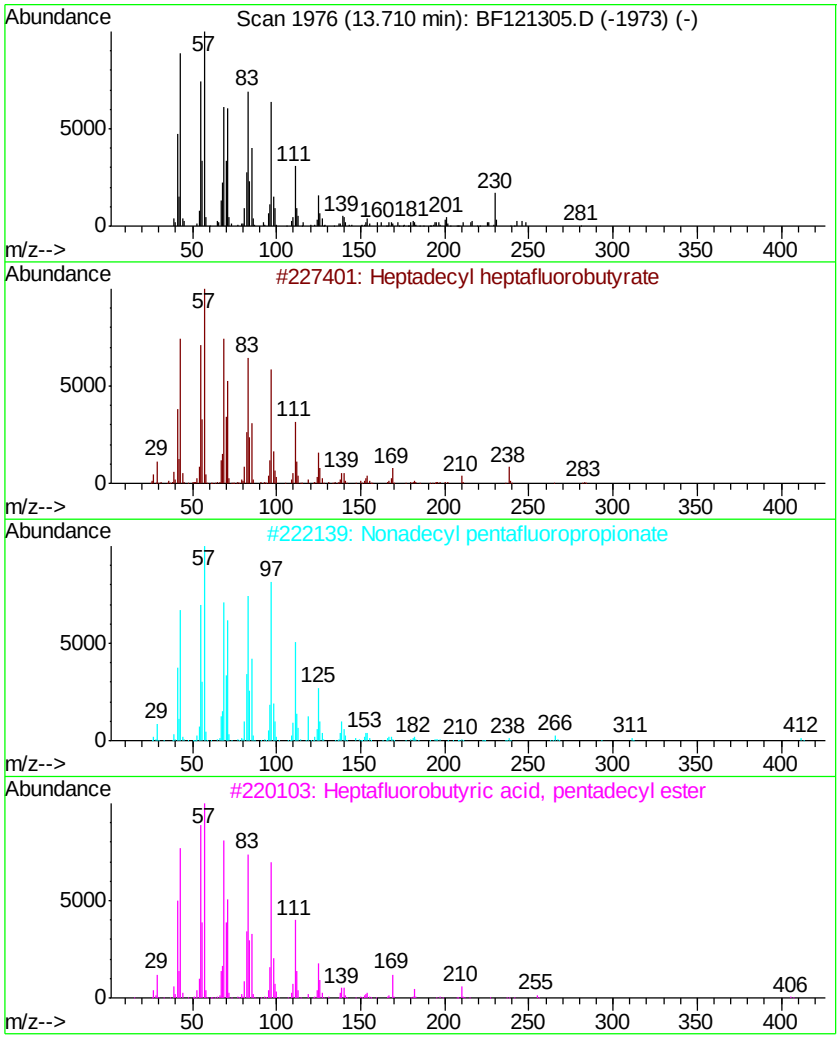
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

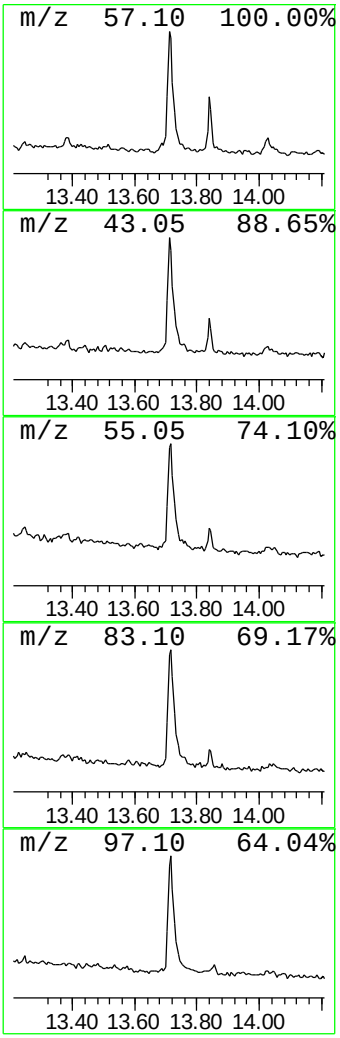
****

Peak Number 1 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.50 ng	263955	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121305.D
Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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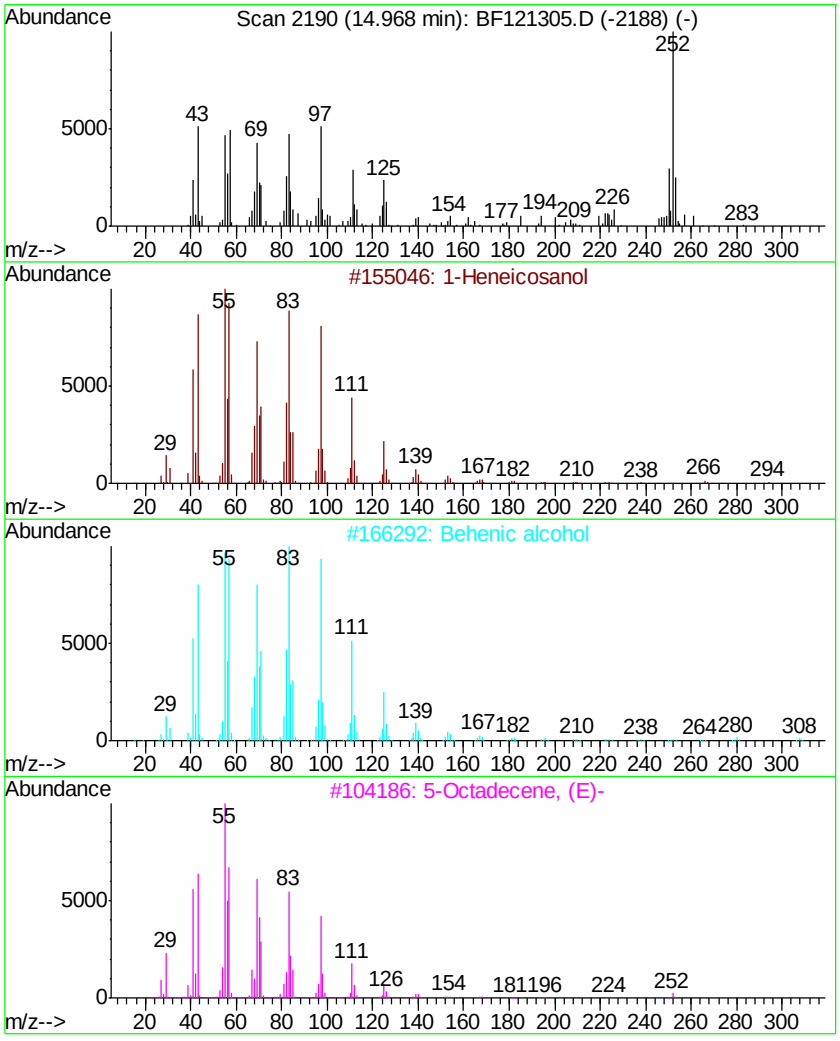
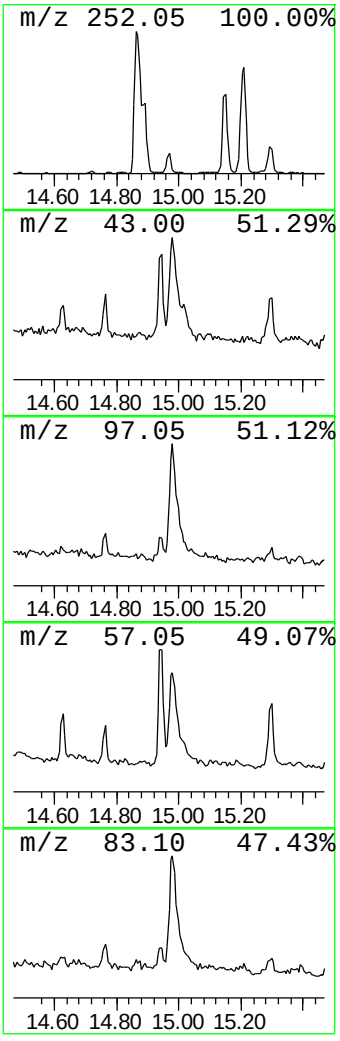
Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.49 ng	189108	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121305.D
Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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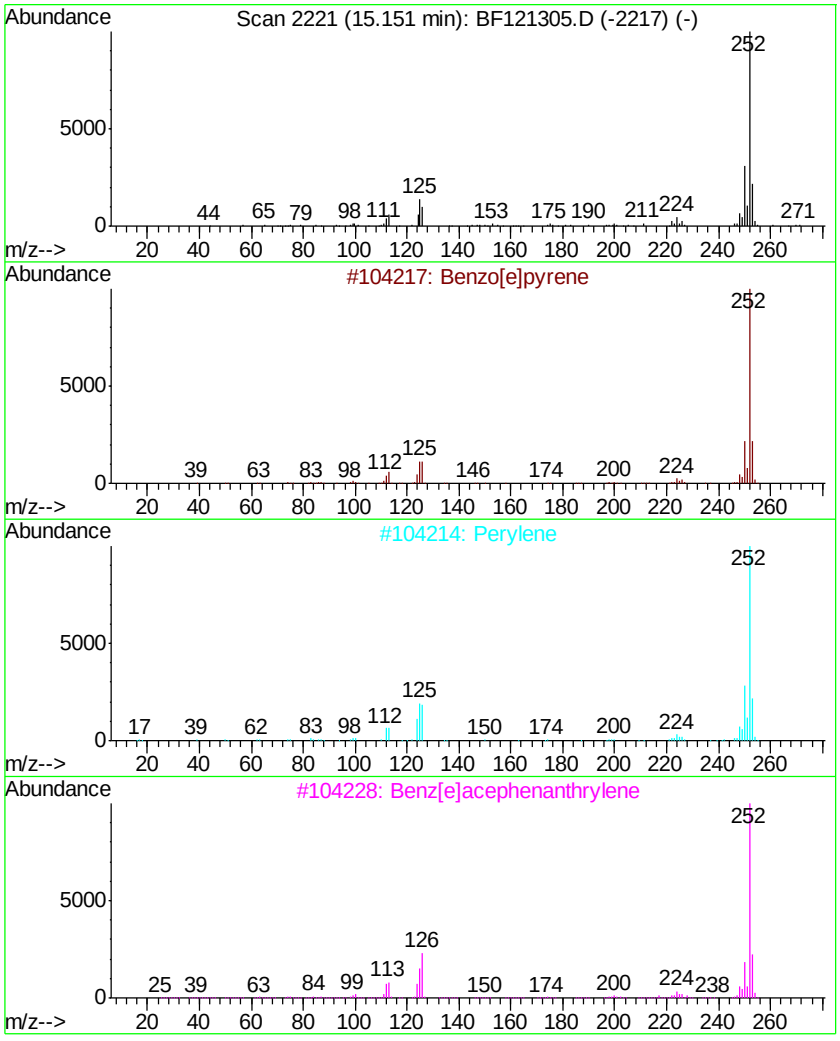
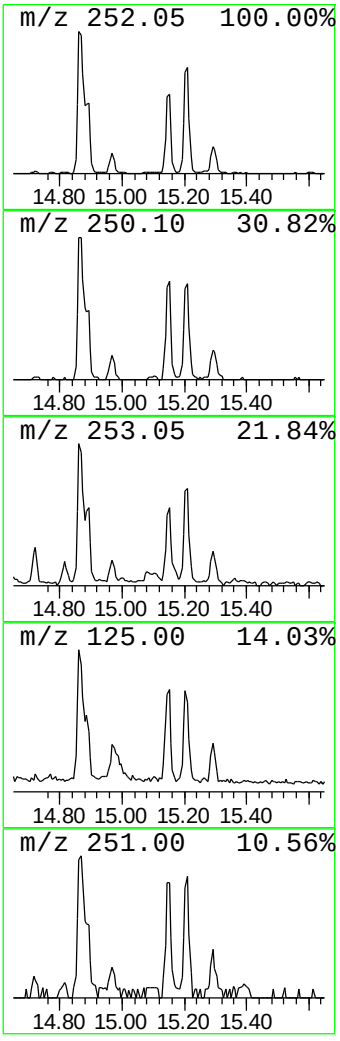
Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.17 ng	133406	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
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Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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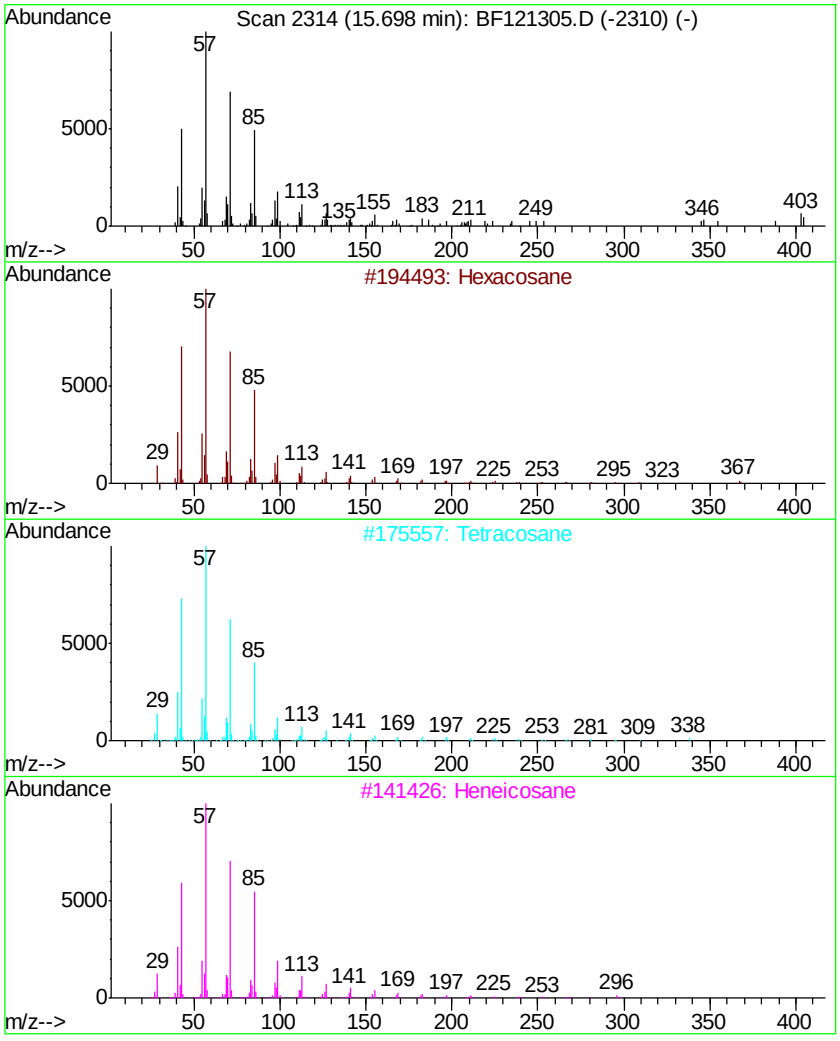
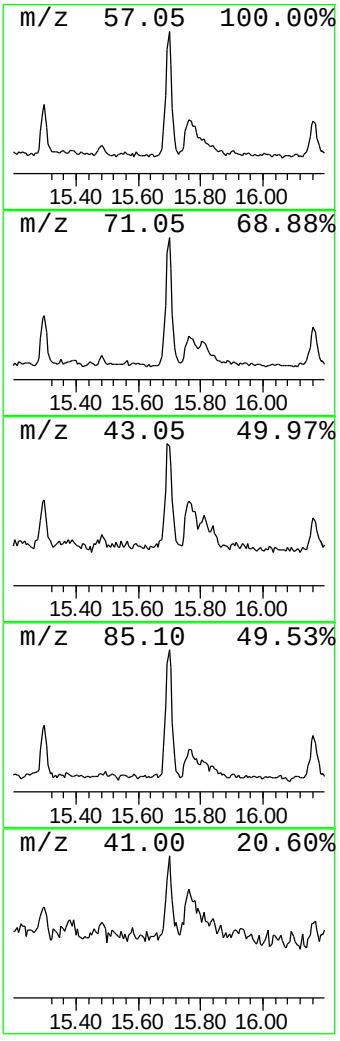
Peak Number 4 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.81 ng	118613	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

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Acq On : 17 Aug 2020 12:41
Operator : JU/CG
Sample : L3660-08 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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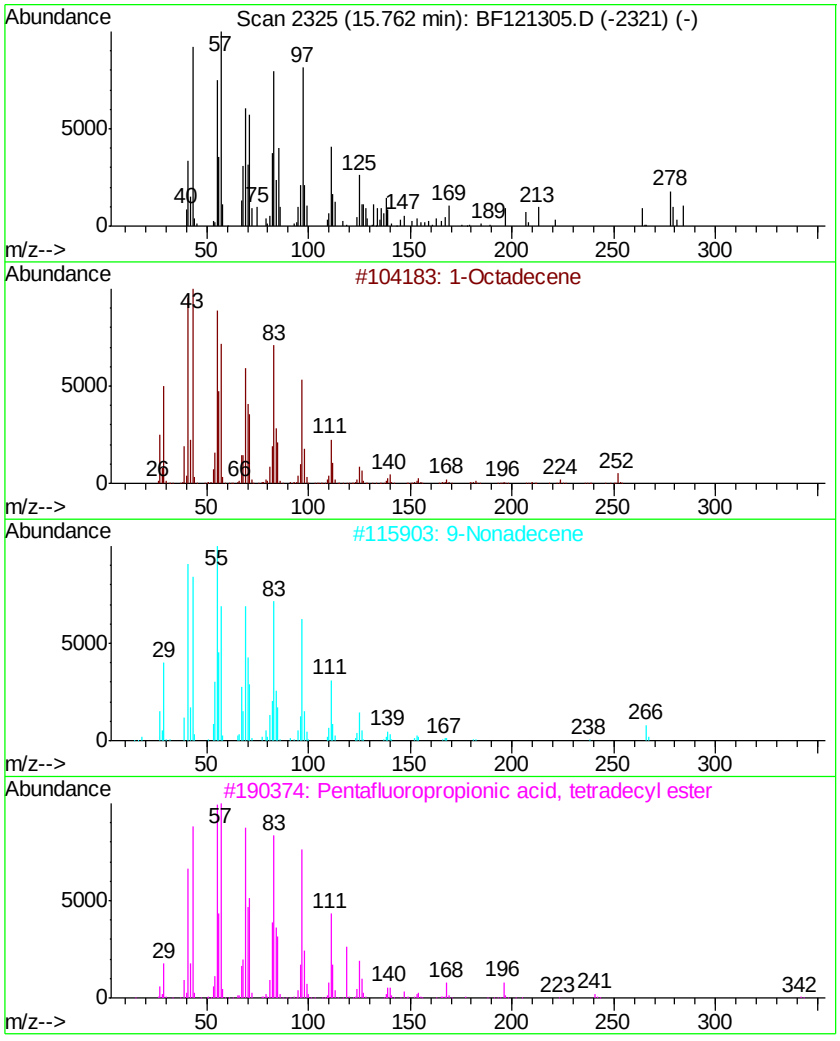
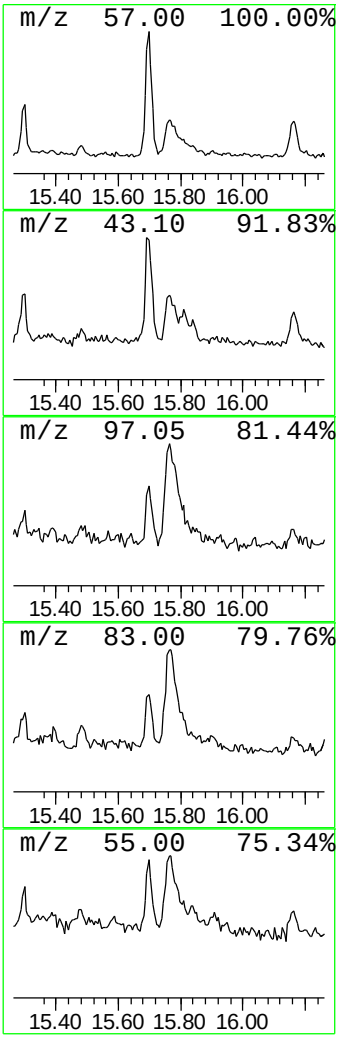
Peak Number 5 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.20 ng	92741	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	9-Nonadecene	266	C19H38	031035-07-1	92
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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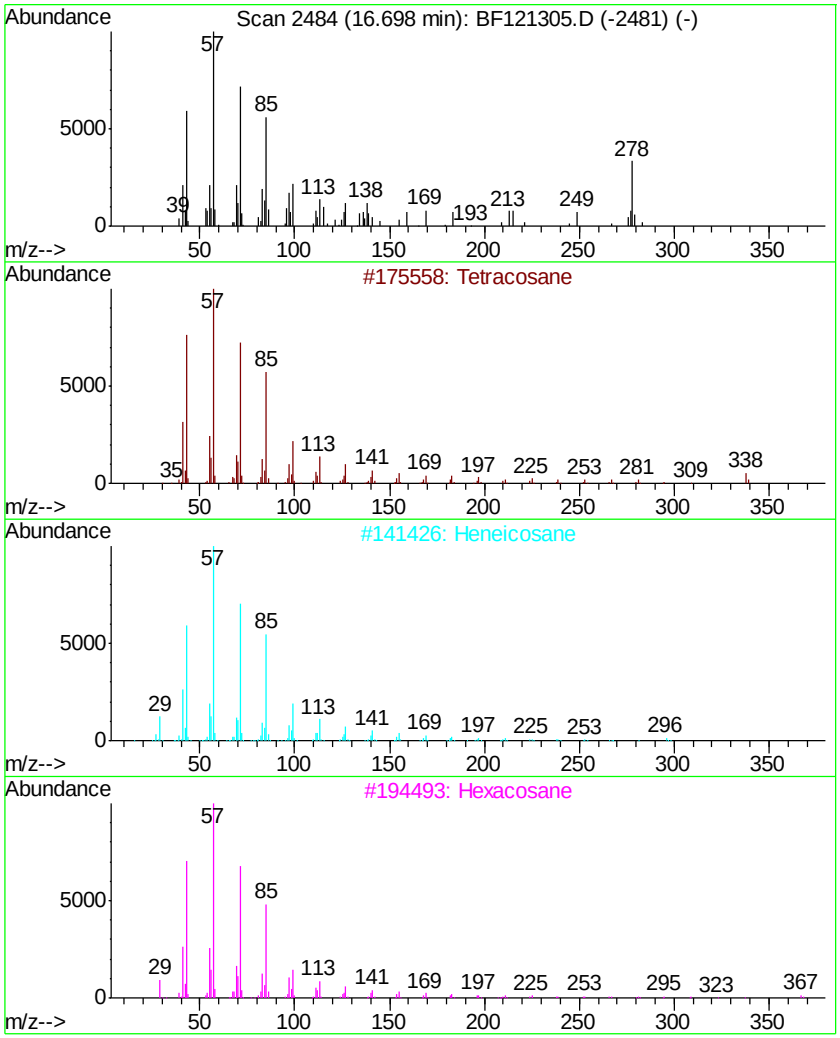
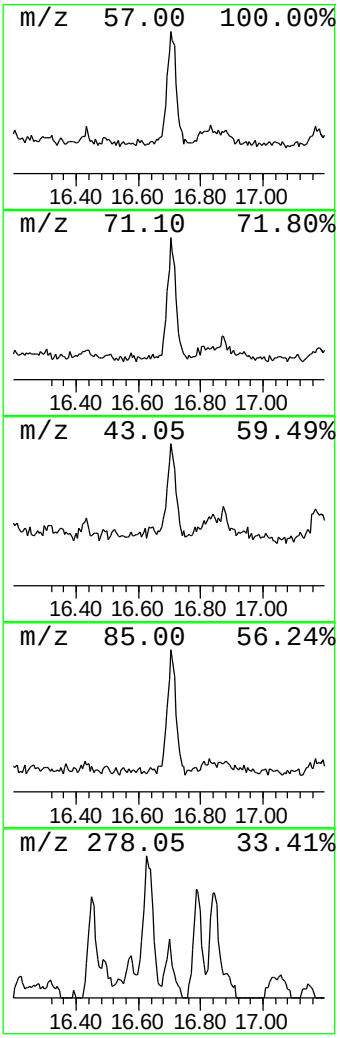
Peak Number 6 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.05 ng	86567	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	80
2	Heneicosane	296	C21H44	000629-94-7	74
3	Hexacosane	366	C26H54	000630-01-3	72
4	Pentacosane	352	C25H52	000629-99-2	72
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081720\
Data File : BF121305.D
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Misc :
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Instrument : BNA_F
ClientSampleId : RBR-58

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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
Heptadecyl heptaf...	13.71	4.5	ng	263955	5	13.86	1172650	20.0
1-Heneicosanol	14.97	4.5	ng	189108	6	15.27	842973	20.0
Benzo[e]pyrene	15.15	3.2	ng	133406	6	15.27	842973	20.0
Hexacosane	15.70	2.8	ng	118613	6	15.27	842973	20.0
1-Octadecene	15.76	2.2	ng	92741	6	15.27	842973	20.0
Tetracosane	16.70	2.0	ng	86567	6	15.27	842973	20.0