LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

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-BF031820.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	5.063	498	506	513	rVB	79972	112253	1.77%	0.208%
2	5.457	568	573	577	rBV	5762913	5950389	93.70%	11.006%
3	6.469	740	745	748	rBV	5359826	5823521	91.71%	10.772%
4	6.851	806	810	813	rBV	1932899	1602306	25.23%	2.964%
5	7.010	832	837	840	rBV	5123720	4688268	73.83%	8.672%
6	7.410	898	905	908	rBV	4101393	3827208	60.27%	7.079%
7	8.133	1023	1028	1032	rBV	2458658	2071175	32.62%	3.831%
8	9.216	1207	1212	1215	rBV	7426728	6350154	100.00%	11.746%
9	9.298	1222	1226	1230	rBV2	101273	105247	1.66%	0.195%
10	9.604	1275	1278	1283	rBV	635554	547335	8.62%	1.012%
11	9.827	1311	1316	1319	rVB	122634	112036	1.76%	0.207%
12	9.892	1321	1327	1331	rBV	2678113	2206204	34.74%	4.081%
13	10.327	1399	1401	1404	rVB	98829	76347	1.20%	0.141%
14	10.551	1434	1439	1444	rBV	62706	79417	1.25%	0.147%
15	10.680	1457	1461	1465	rBV	4060867	3703263	58.32%	6.850%
16	10.804	1479	1482	1491	rVB	144289	174498	2.75%	0.323%
17	11.251	1555	1558	1561	rBV2	129912	111433	1.75%	0.206%
18	11.280	1561	1563	1570	rVB	66417	73996	1.17%	0.137%
19	11.380	1576	1580	1583	rBV	2427062	2041777	32.15%	3.777%
20	11.680	1628	1631	1634	rBV	128013	91404	1.44%	0.169%
21	11.910	1667	1670	1677	rBV	823010	765349	12.05%	1.416%
22	12.086	1698	1700	1703	rBV	112557	95431	1.50%	0.177%
23	12.433	1757	1759	1762	rBV	63587	71133	1.12%	0.132%
24	12.480	1763	1767	1771	rVB2	137899	186392	2.94%	0.345%
25	12.592	1783	1786	1789	rBV	182797	184222	2.90%	0.341%
26	12.698	1801	1804	1811	rBV	509006	541267	8.52%	1.001%
27	12.821	1822	1825	1828	rBV	183331	161674	2.55%	0.299%
28	12.851	1828	1830	1833	rVB2	139946	110871	1.75%	0.205%
29	12.974	1846	1851	1854	rBV	5587456	5024476	79.12%	9.294%
30	13.210	1888	1891	1896	rVB2	154990	154463	2.43%	0.286%
31	13.551	1947	1949	1952	rBV	165405	127964	2.02%	0.237%
32	13.880	2001	2005	2014	rVB	636621	842677	13.27%	1.559%
33	14.027	2025	2030	2032	rBV	1631835	1684252	26.52%	3.115%
34	14.198	2056	2059	2065	rBV	273136	253600	3.99%	0.469%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.504	2108	2111	2115	rBV	426249	443984	6.99%	0.821%
36	14.815	2161	2164	2167	rBV	441800	404920	6.38%	0.749%
37	15.156	2219	2222	2228	rVB	519737	601948	9.48%	1.113%
38	15.498	2276	2280	2284	rBV2	1220621	1534463	24.16%	2.838%
39	15.545	2285	2288	2293	rVB	456043	583698	9.19%	1.080%
40	15.992	2360	2364	2369	rBV	364949	542045	8.54%	1.003%

Sum of corrected areas: 54063060

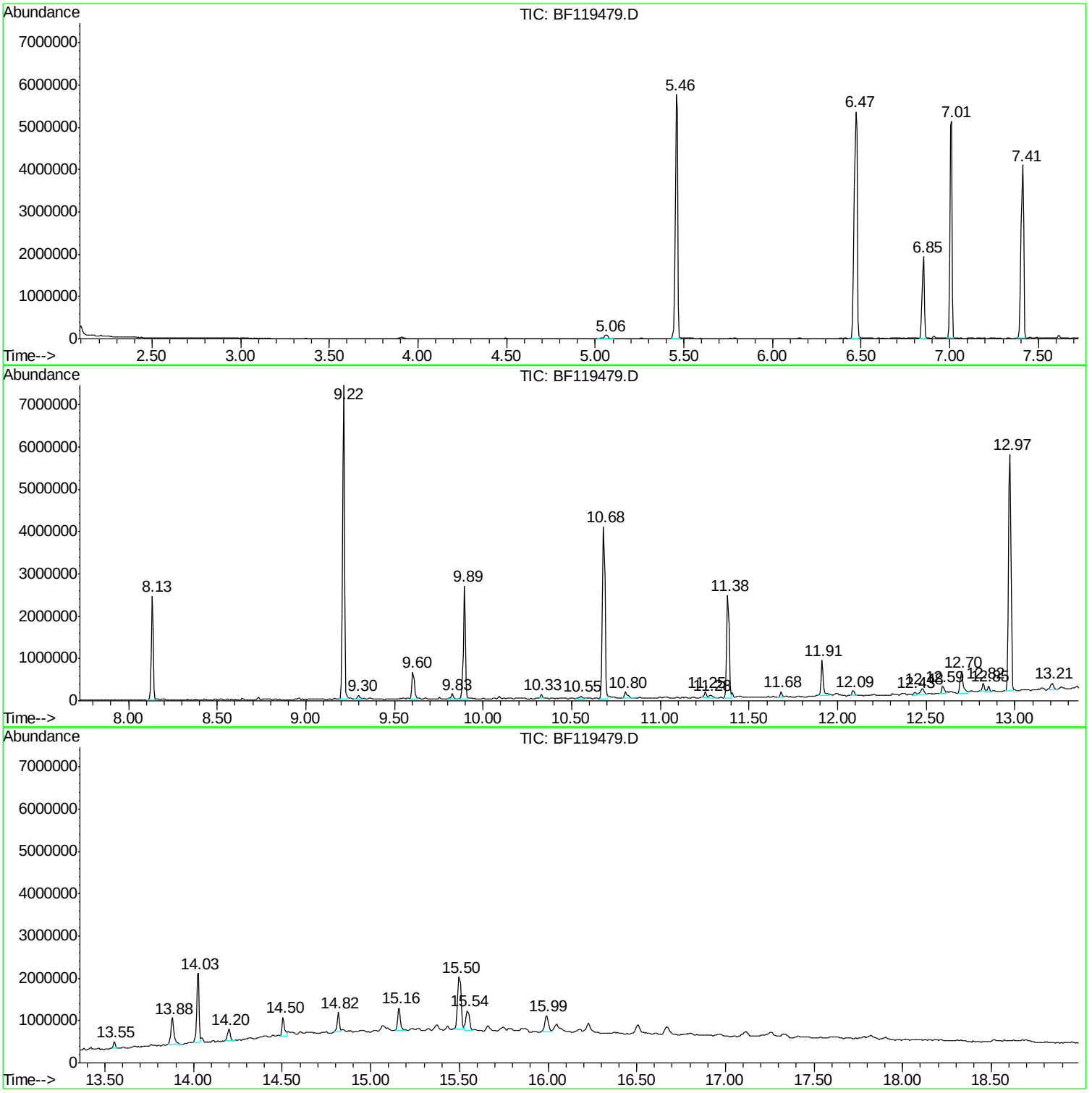
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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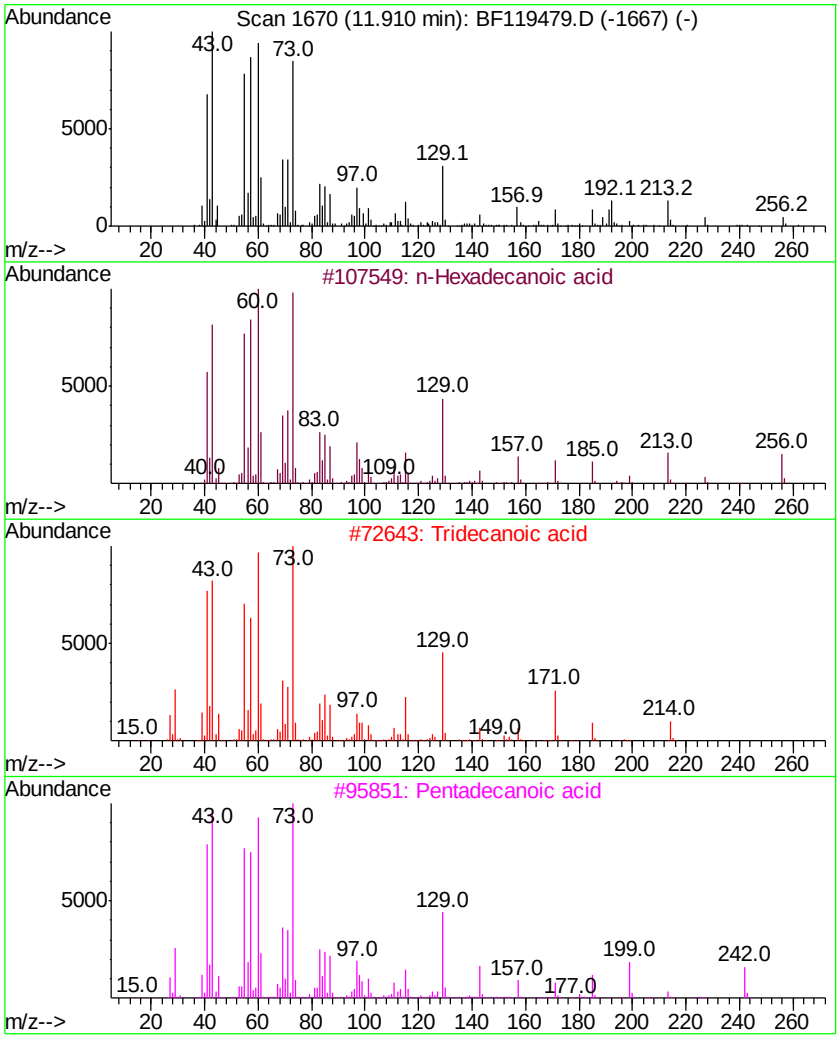
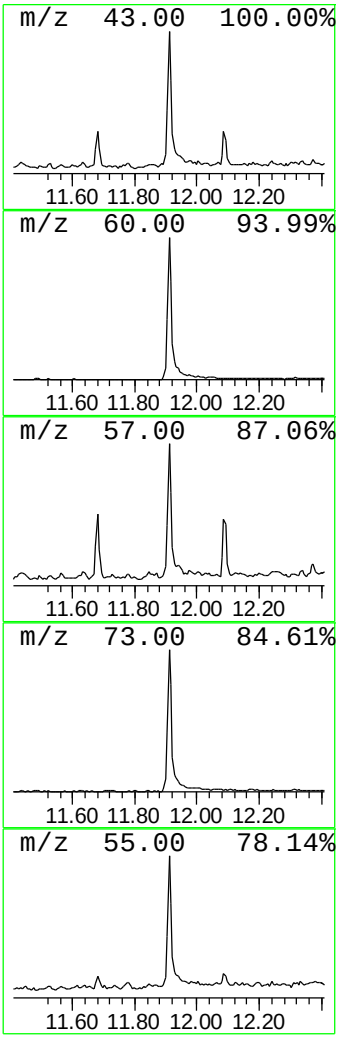
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	7.50 ng	765349	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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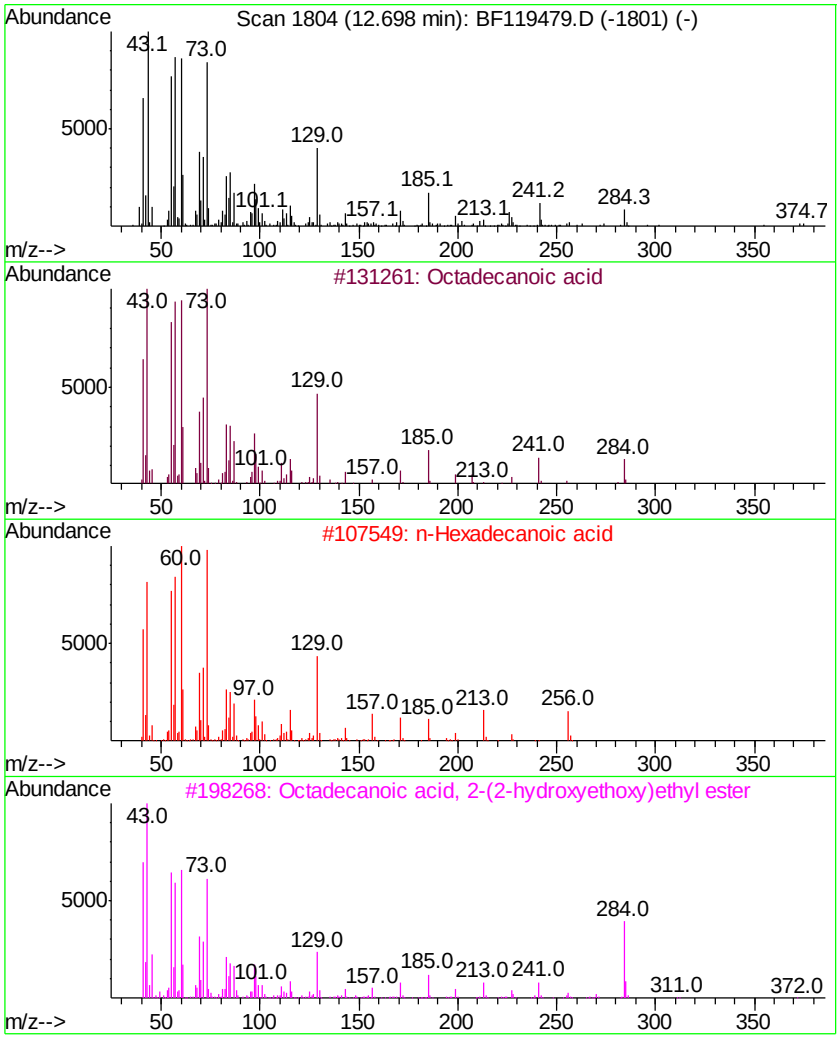
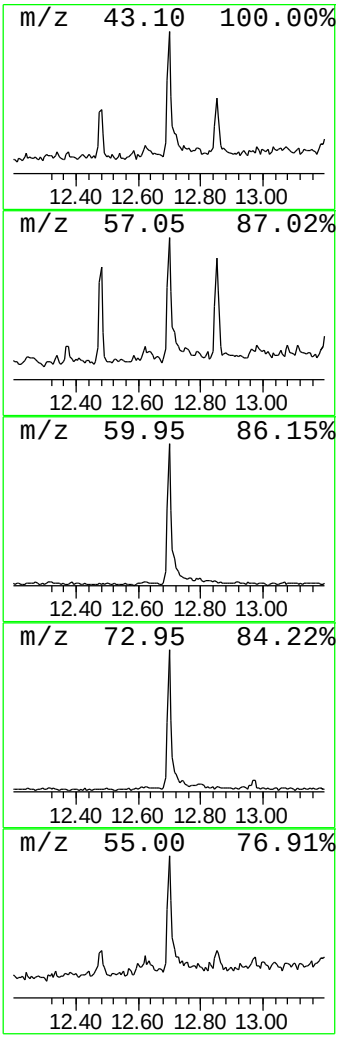
Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.30 ng	541267	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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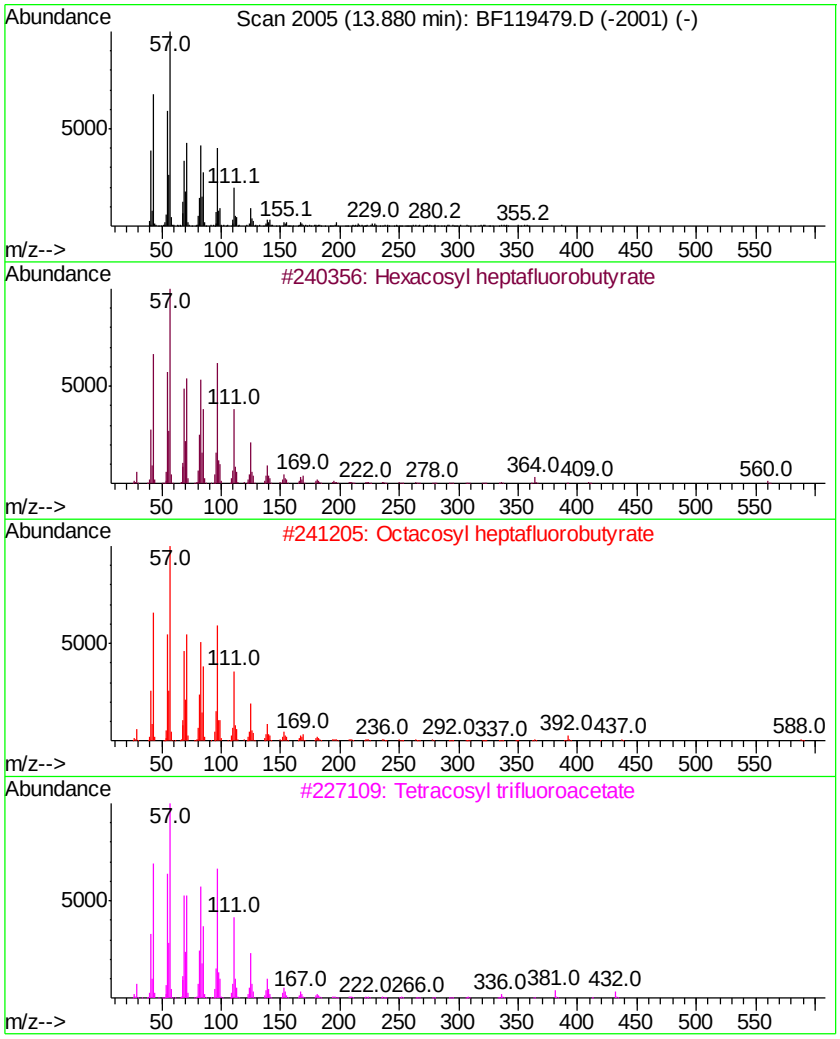
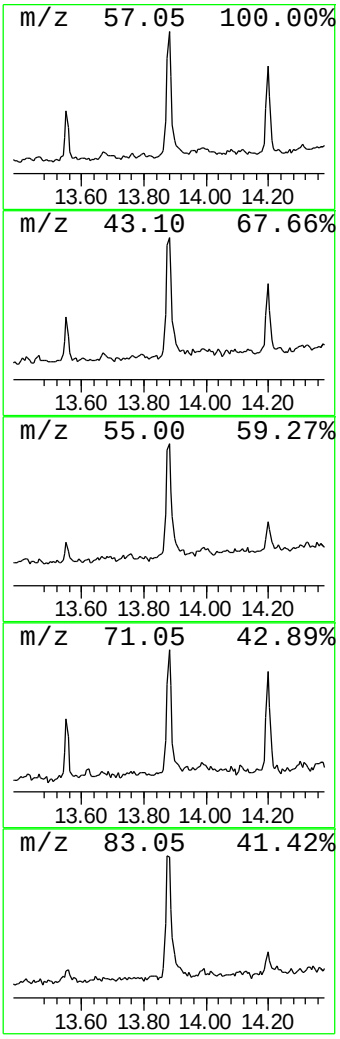
Peak Number 4 Hexacosyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	10.01 ng	842677	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
3	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	91
4	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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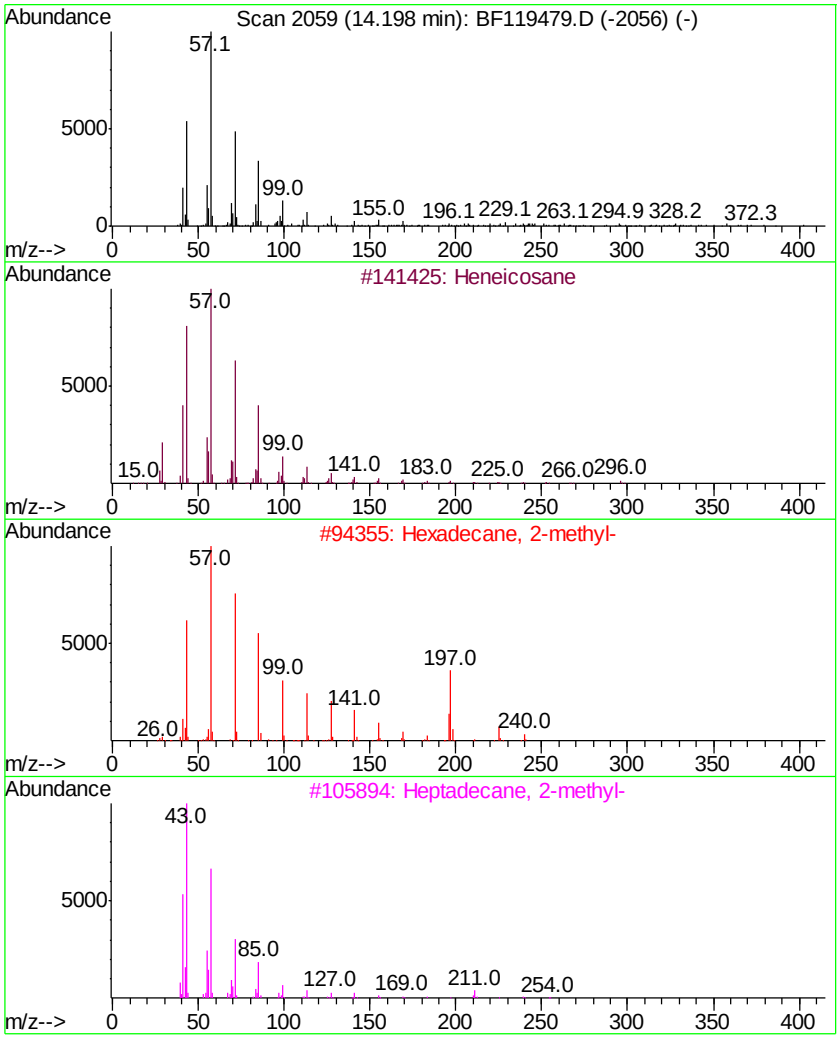
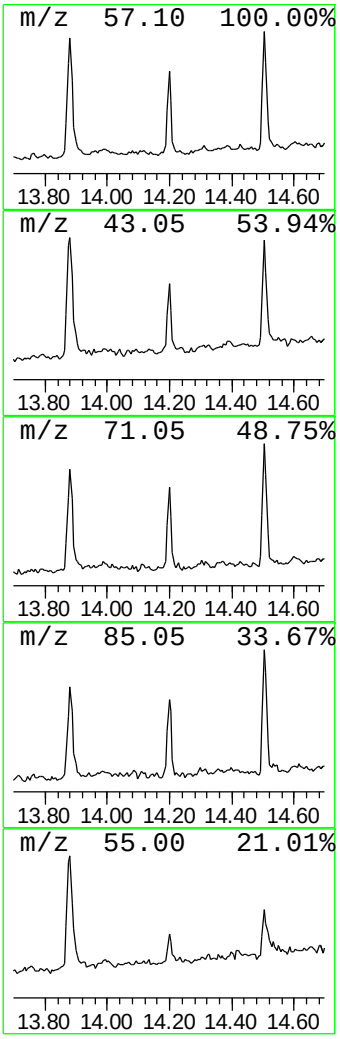
Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.01 ng	253600	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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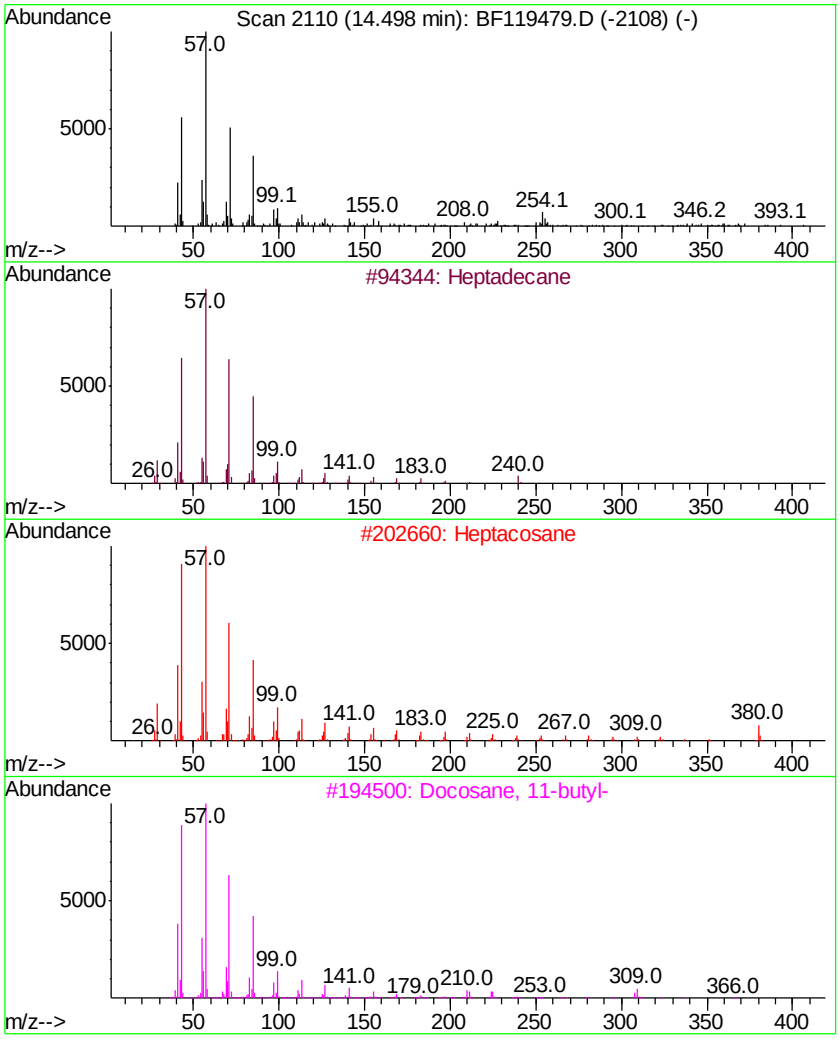
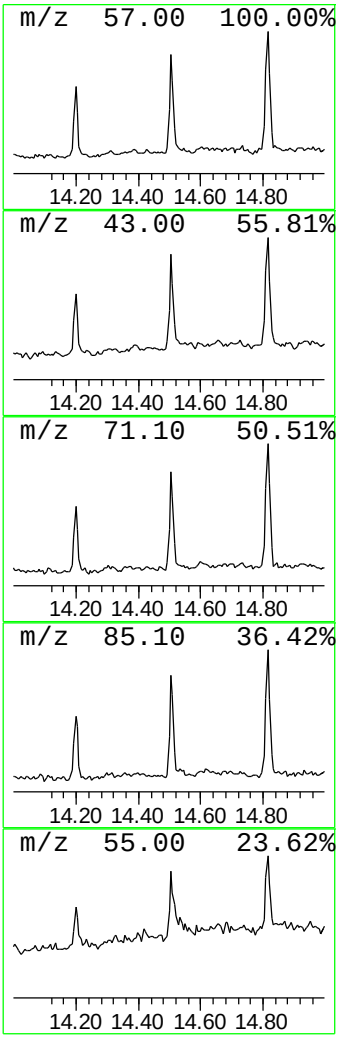
Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	5.27 ng	443984	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

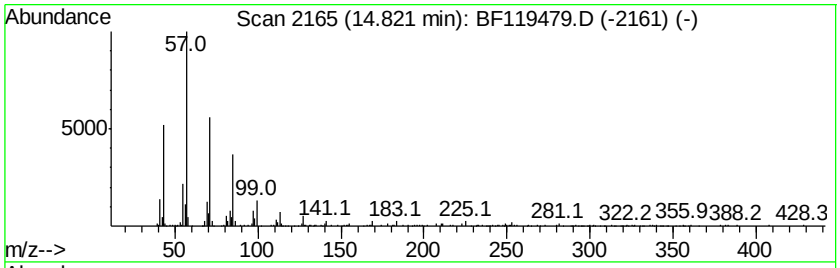
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

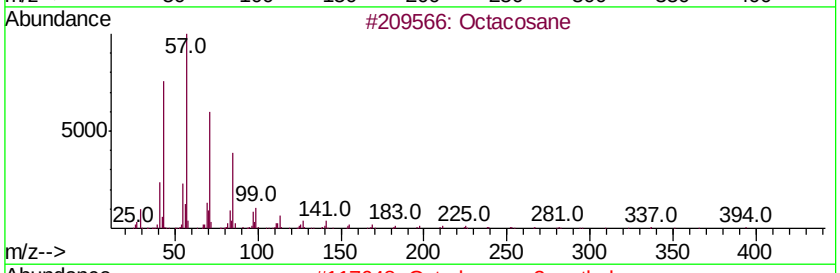
****

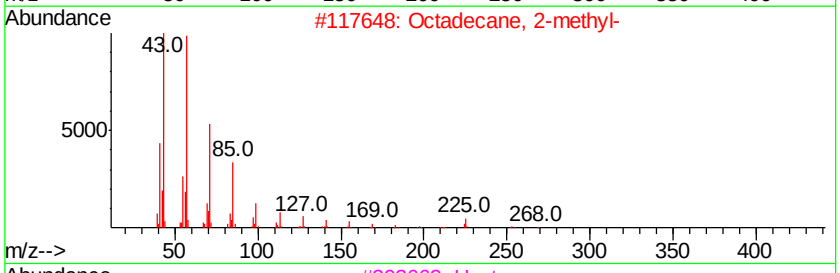
Peak Number 7 Octacosane Concentration Rank 7

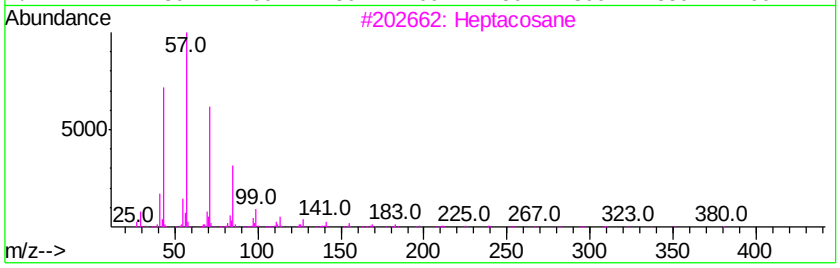
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.28 ng	404920	Perylene-d12	15.50

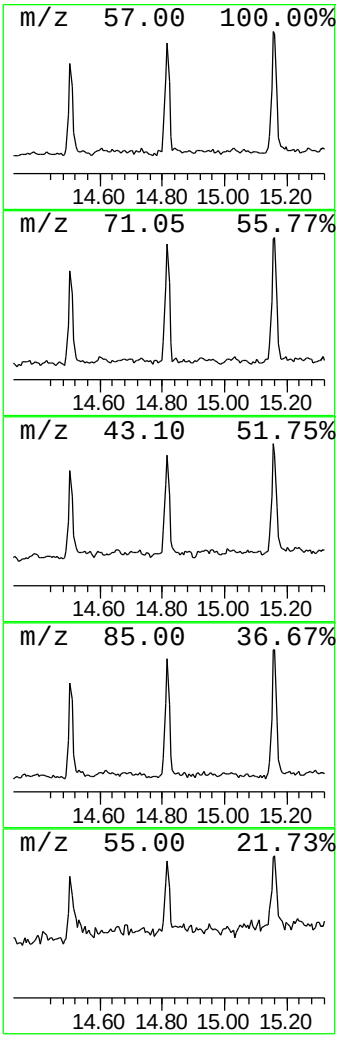
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87











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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

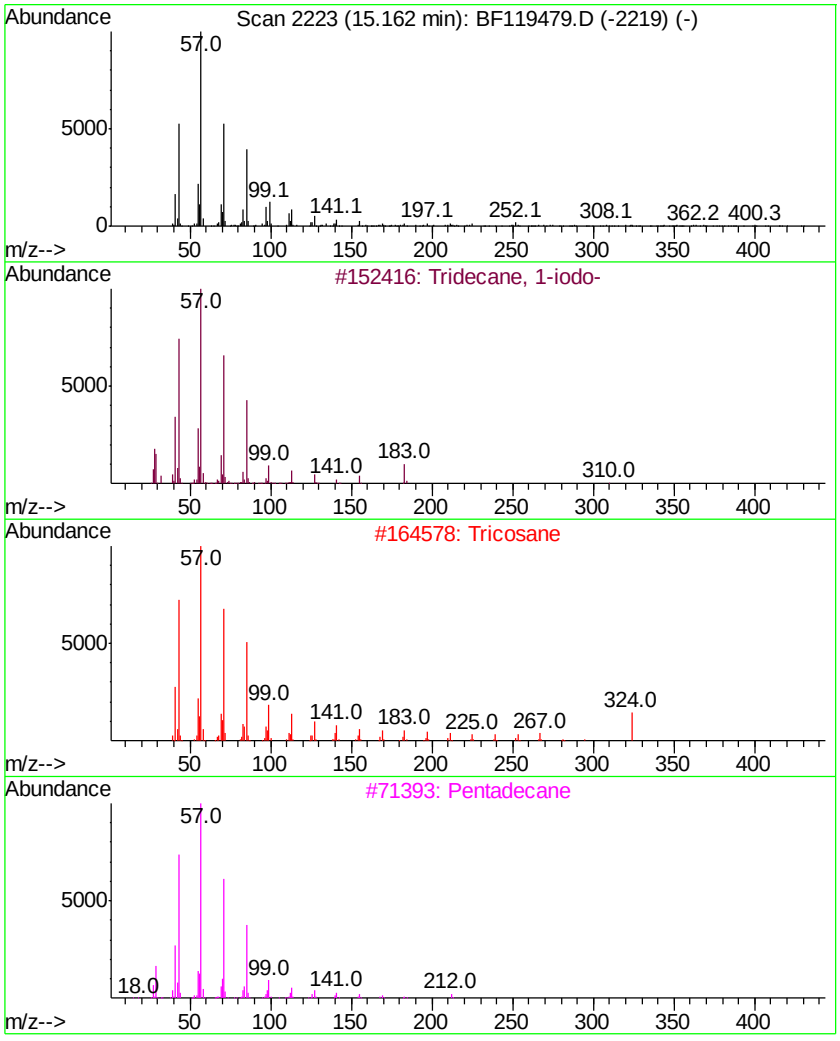
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

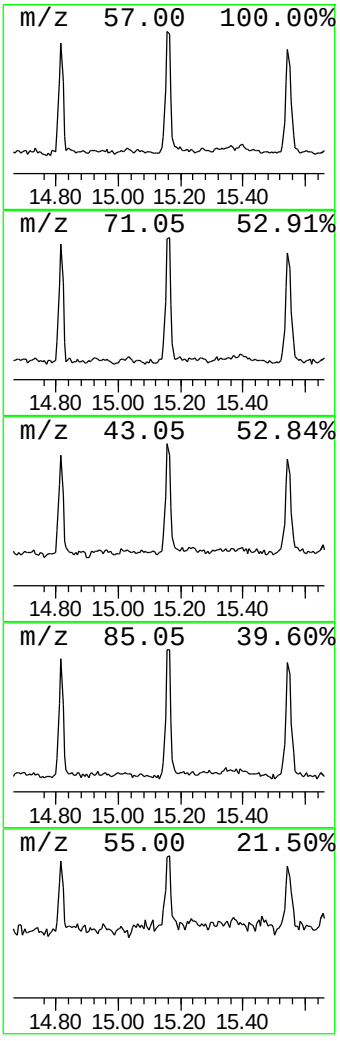
****

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.85 ng	601948	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Tricosane	324	C23H48	000638-67-5	93
3	Pentadecane	212	C15H32	000629-62-9	91
4	Hexadecane	226	C16H34	000544-76-3	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

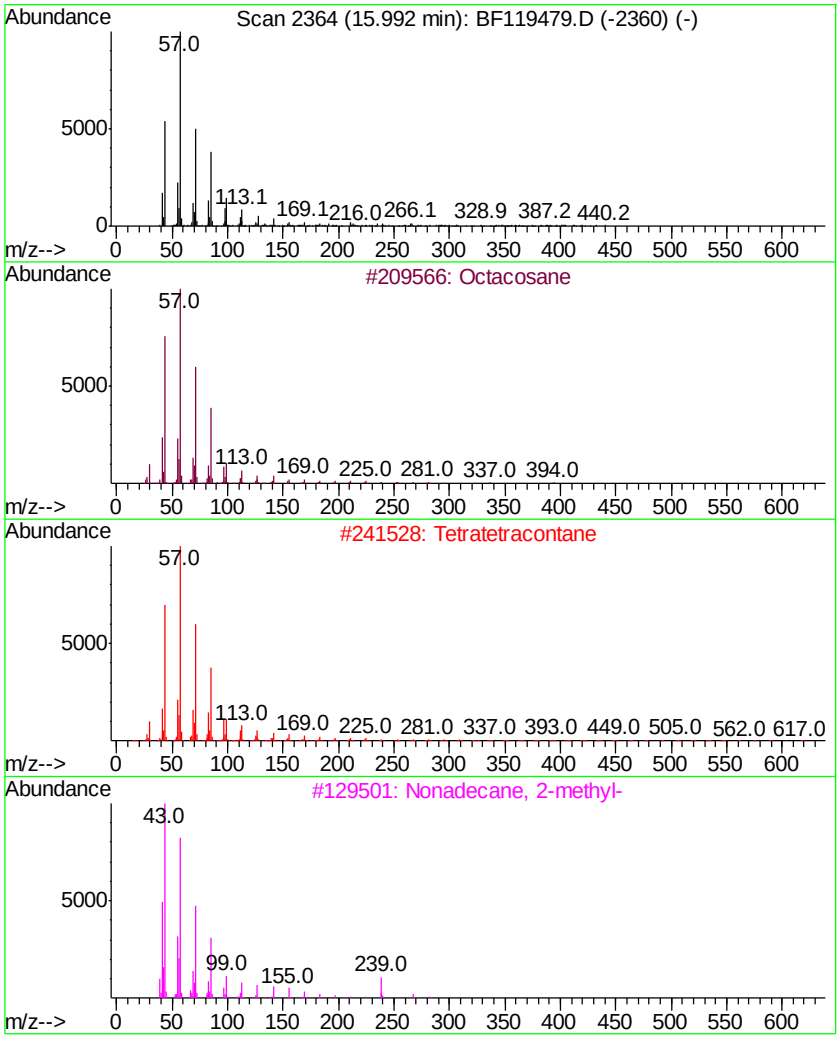
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

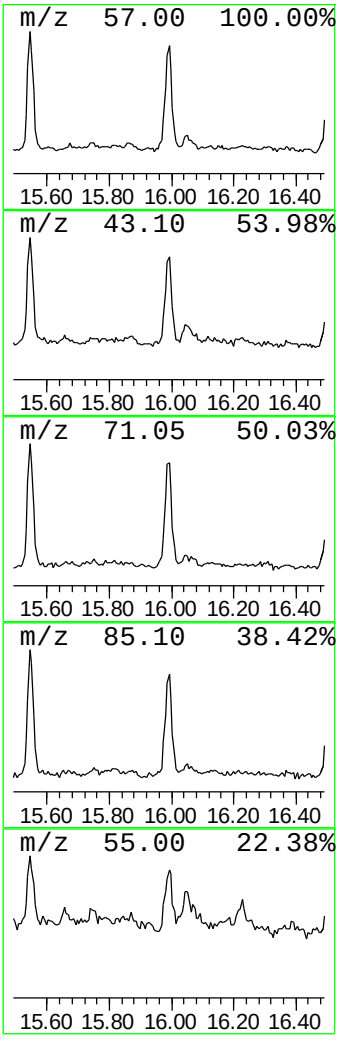
****

Peak Number 9 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	7.06 ng	542045	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Heneicosane	296	C21H44	000629-94-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
Data File : BF119479.D
Acq On : 20 Mar 2020 18:42
Operator : CG/JU
Sample : L1755-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-031920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
n-Hexadecanoic acid	11.91	7.5	ng	765349	4	11.38	2041780	20.0
Octadecanoic acid	12.70	5.3	ng	541267	4	11.38	2041780	20.0
Hexacosyl heptafl...	13.88	10.0	ng	842677	5	14.03	1684250	20.0
Heneicosane	14.20	3.0	ng	253600	5	14.03	1684250	20.0
Heptadecane	14.50	5.3	ng	443984	5	14.03	1684250	20.0
Octacosane	14.82	5.3	ng	404920	6	15.50	1534460	20.0
Tridecane, 1-iodo-	15.16	7.8	ng	601948	6	15.50	1534460	20.0
Tetratetracontane	15.99	7.1	ng	542045	6	15.50	1534460	20.0