LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119267.D
Acq On : 6 Mar 2020 23:37
Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF022020.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	4.934	481	484	496	rBB	45837	71806	1.88%	0.279%
2	5.357	552	556	579	rBV	1948296	2412438	63.19%	9.363%
3	6.381	726	730	749	rBV	2372759	2418826	63.36%	9.388%
4	6.722	785	788	798	rBV	755577	650198	17.03%	2.524%
5	6.881	811	815	824	rBV	2429172	2216925	58.07%	8.604%
6	7.287	881	884	898	rBV	1558340	1643060	43.04%	6.377%
7	8.004	1002	1006	1016	rBV	927495	841505	22.04%	3.266%
8	9.081	1184	1189	1192	rBV	3678523	3386123	88.70%	13.142%
9	9.475	1253	1256	1265	rVB	258876	237009	6.21%	0.920%
10	9.757	1300	1304	1313	rBV	1108652	1035399	27.12%	4.019%
11	10.545	1435	1438	1454	rBV	2154333	2178857	57.08%	8.457%
12	11.239	1553	1556	1565	rBV	1179013	1119136	29.32%	4.344%
13	11.704	1631	1635	1639	rBV5	34360	56585	1.48%	0.220%
14	11.775	1644	1647	1655	rVV2	206901	236957	6.21%	0.920%
15	12.457	1760	1763	1768	rBV	107723	117643	3.08%	0.457%
16	12.557	1777	1780	1787	rBV3	42629	63639	1.67%	0.247%
17	12.686	1797	1802	1806	rBV	96005	116664	3.06%	0.453%
18	12.822	1821	1825	1829	rBV	3988682	3817460	100.00%	14.817%
19	13.722	1974	1978	1992	rVB4	146877	339478	8.89%	1.318%
20	13.880	2001	2005	2013	rVB	938415	971126	25.44%	3.769%
21	14.033	2028	2031	2034	rBV	68672	63746	1.67%	0.247%
22	14.339	2080	2083	2085	rBV	96646	89507	2.34%	0.347%
23	14.633	2130	2133	2139	rVB	107649	104578	2.74%	0.406%
24	14.698	2142	2144	2150	rVB	39999	41971	1.10%	0.163%
25	14.910	2177	2180	2183	rBV	51119	72307	1.89%	0.281%
26	14.945	2183	2186	2191	rVB2	131094	157059	4.11%	0.610%
27	15.304	2242	2247	2261	rVB	689861	1006424	26.36%	3.906%
28	15.704	2311	2315	2319	rBV	62950	80096	2.10%	0.311%
29	15.933	2350	2354	2363	rVB9	24761	55014	1.44%	0.214%
30	16.168	2389	2394	2398	rBV5	39839	61510	1.61%	0.239%
31	16.727	2482	2489	2490	rBV6	25163	52754	1.38%	0.205%
32	17.351	2590	2595	2602	rVB6	19676	49073	1.29%	0.190%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119267.D
Acq On : 6 Mar 2020 23:37
Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 25764873

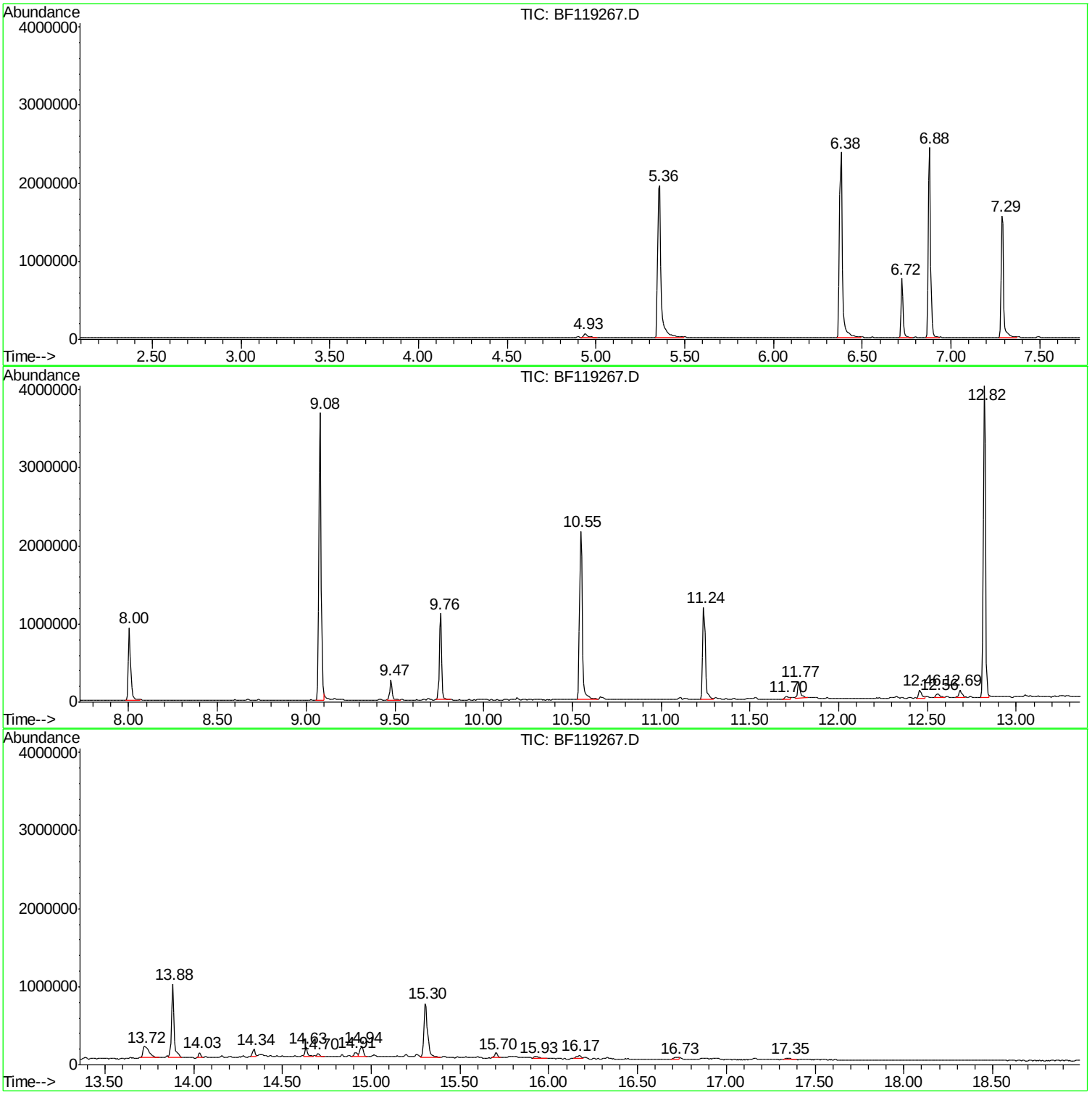
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119267.D
Acq On : 6 Mar 2020 23:37
Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF030620\
Data File : BF119267.D
Acq On : 6 Mar 2020 23:37
Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

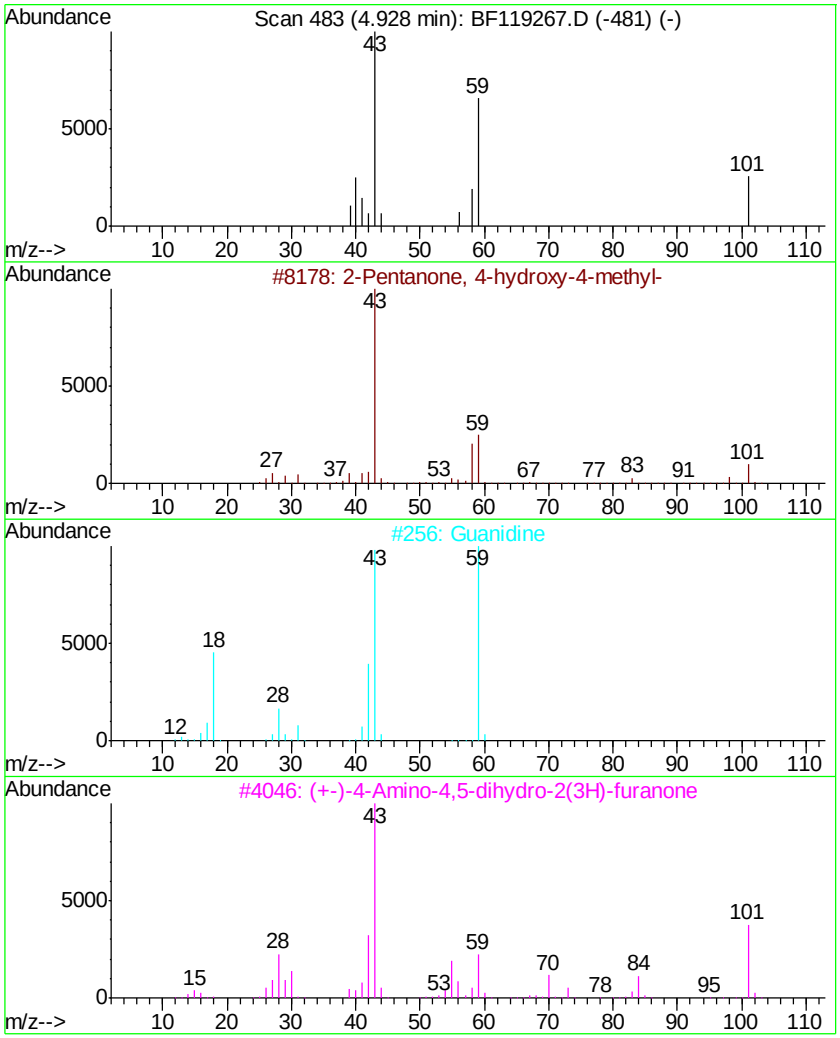
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

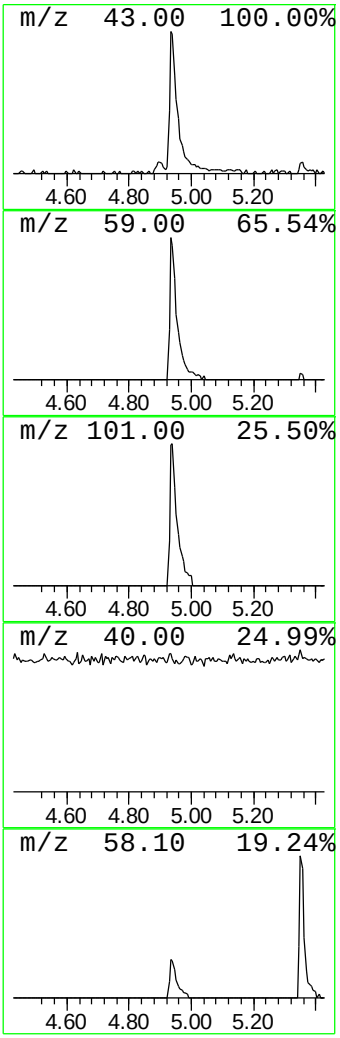
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.21 ng	71806	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119267.D
Acq On : 6 Mar 2020 23:37
Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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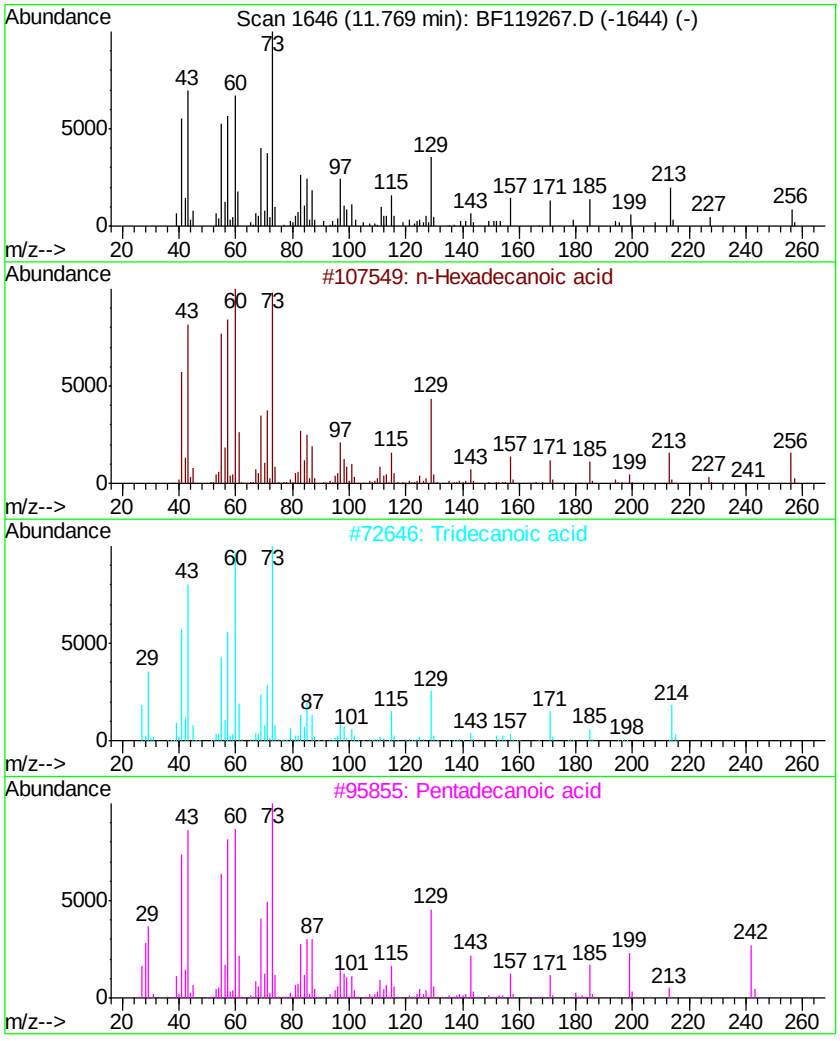
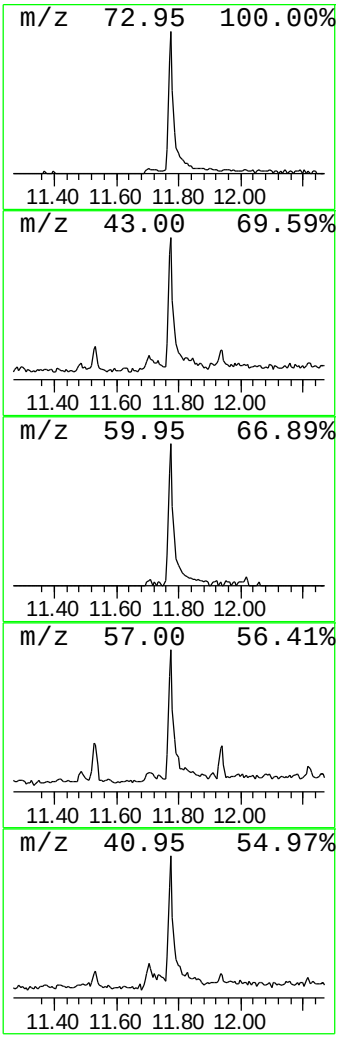
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.23 ng	236957	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119267.D
Acq On : 6 Mar 2020 23:37
Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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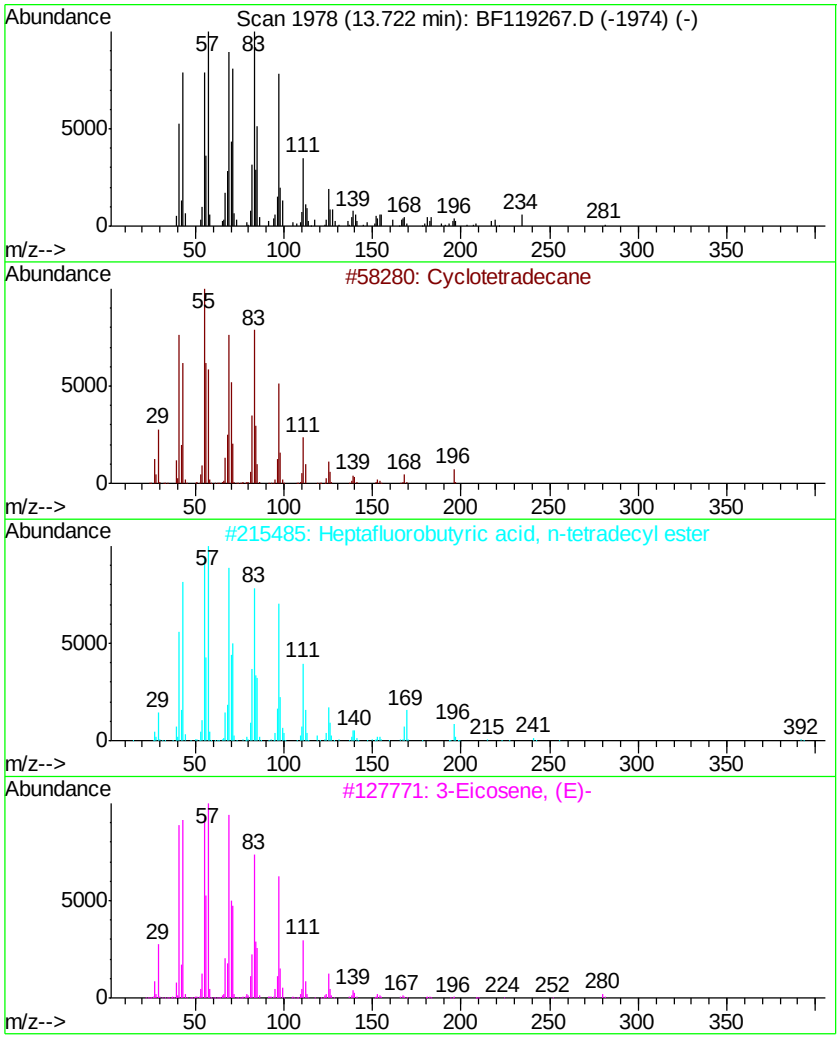
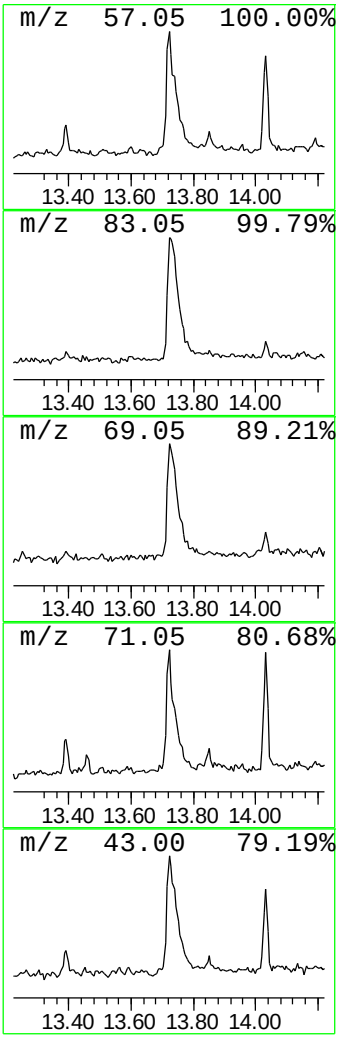
Peak Number 6 Cyclotetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.99 ng	339478	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	92
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119267.D
Acq On : 6 Mar 2020 23:37
Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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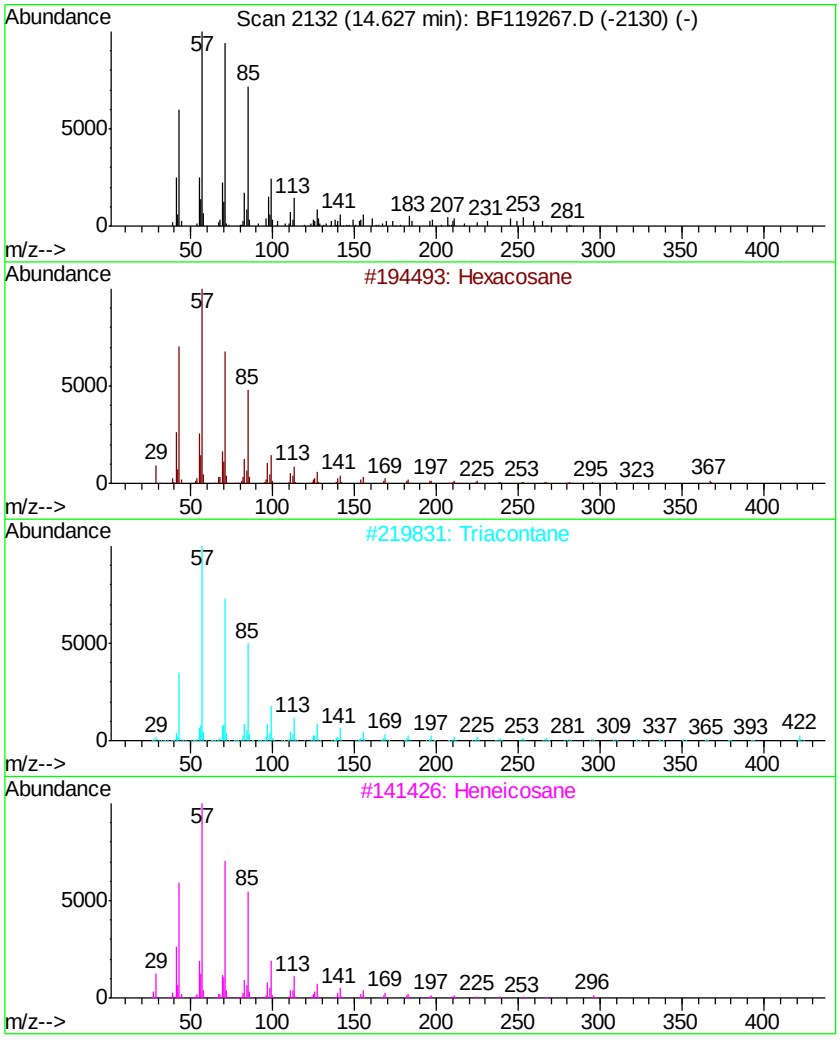
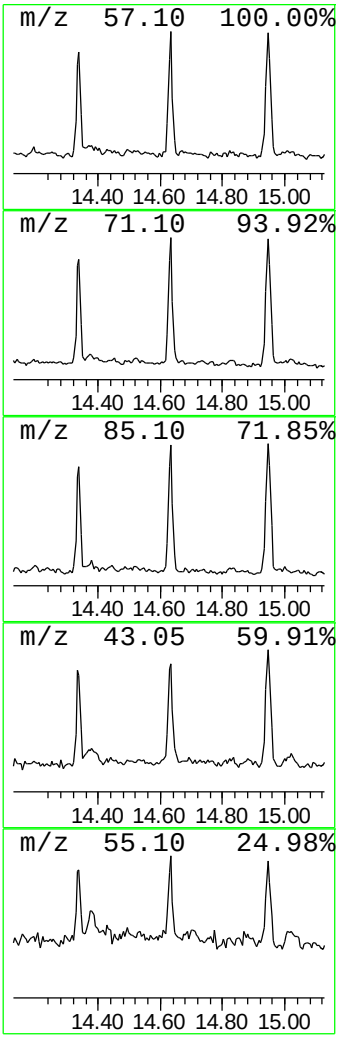
Peak Number 7 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.08 ng	104578	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





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Operator : CG/JU
Sample : L1364-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

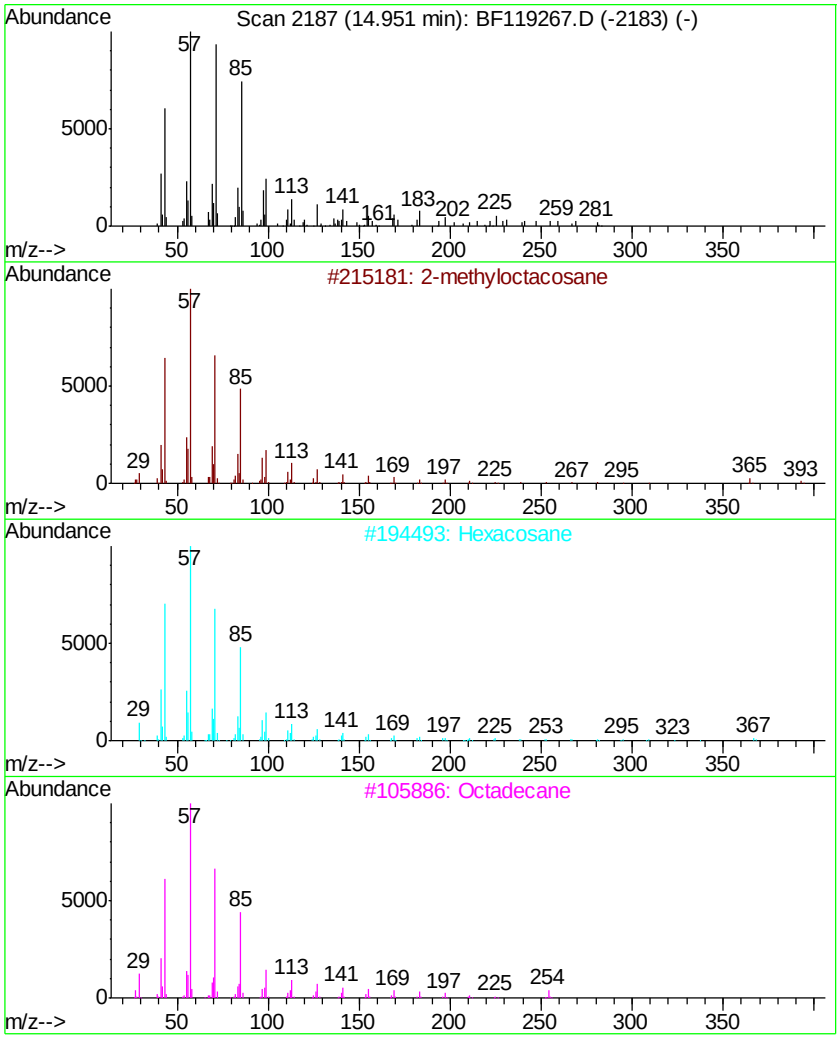
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

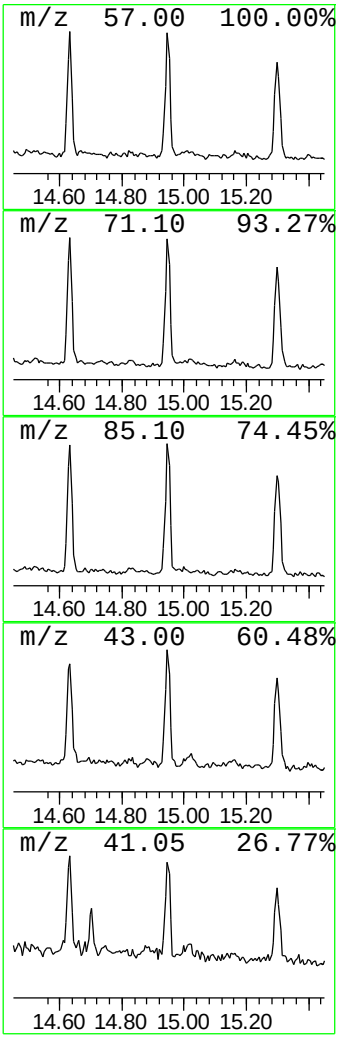
****

Peak Number 8 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	3.12 ng	157059	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane	254	C18H38	000593-45-3	89
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030620\
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Acq On : 6 Mar 2020 23:37
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Sample : L1364-03
Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
2-Pentanone, 4-hy...	4.93	2.2	ng	71806	1	6.72	650198	20.0
n-Hexadecanoic acid	11.77	4.2	ng	236957	4	11.24	1119140	20.0
Cyclotetradecane	13.72	7.0	ng	339478	5	13.88	971126	20.0
Hexacosane	14.63	2.1	ng	104578	6	15.31	1006420	20.0
2-methyloctacosane	14.95	3.1	ng	157059	6	15.31	1006420	20.0