LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119009.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1625-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-050-A

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	4.975	487	491	498	rVB	36072	48666	1.48%	0.174%
2	5.381	556	560	578	rBV	3011461	2914397	88.54%	10.435%
3	6.398	728	733	750	rBV	2930433	2826485	85.87%	10.120%
4	6.751	790	793	803	rBV	967202	892642	27.12%	3.196%
5	6.910	816	820	824	rBV	2906911	2567677	78.01%	9.194%
6	7.316	884	889	892	rBV	2017308	1823861	55.41%	6.530%
7	8.033	1007	1011	1026	rBV	1254108	1098894	33.39%	3.935%
8	9.110	1189	1194	1197	rBV	3852976	3291509	100.00%	11.785%
9	9.504	1257	1261	1265	rVB	254771	216751	6.59%	0.776%
10	9.786	1305	1309	1313	rBV	1370712	1146724	34.84%	4.106%
11	10.575	1439	1443	1454	rBV	2233841	2003390	60.87%	7.173%
12	11.269	1557	1561	1564	rBV	1303583	1111036	33.75%	3.978%
13	11.292	1564	1565	1568	rVV	237026	139309	4.23%	0.499%
14	11.345	1568	1574	1578	rVB2	62965	75872	2.31%	0.272%
15	11.804	1649	1652	1658	rBV2	176787	210534	6.40%	0.754%
16	11.880	1663	1665	1668	rBV	52289	52709	1.60%	0.189%
17	12.480	1763	1767	1771	rBV	477205	412405	12.53%	1.477%
18	12.580	1781	1784	1788	rBV2	42099	55854	1.70%	0.200%
19	12.710	1800	1806	1809	rBV	373302	426121	12.95%	1.526%
20	12.851	1826	1830	1834	rBV	3323674	2952342	89.70%	10.571%
21	12.927	1839	1843	1847	rBV2	36200	54535	1.66%	0.195%
22	13.039	1855	1862	1865	rBV2	71259	103233	3.14%	0.370%
23	13.145	1876	1880	1882	rBV2	40094	48237	1.47%	0.173%
24	13.263	1898	1900	1904	rBV2	27841	39929	1.21%	0.143%
25	13.757	1980	1984	1994	rBV	268623	434632	13.20%	1.556%
26	13.904	2004	2009	2012	rBV2	1163293	1251719	38.03%	4.482%
27	13.927	2012	2013	2017	rVB	184951	149293	4.54%	0.535%
28	14.380	2087	2090	2094	rBV3	56652	93670	2.85%	0.335%
29	14.927	2180	2183	2190	rVB	205244	345834	10.51%	1.238%
30	15.274	2239	2242	2247	rBV	151040	183733	5.58%	0.658%
31	15.333	2248	2252	2263	rVB	674575	956941	29.07%	3.426%

Sum of corrected areas: 27928934

LSC Report - Integrated Chromatogram

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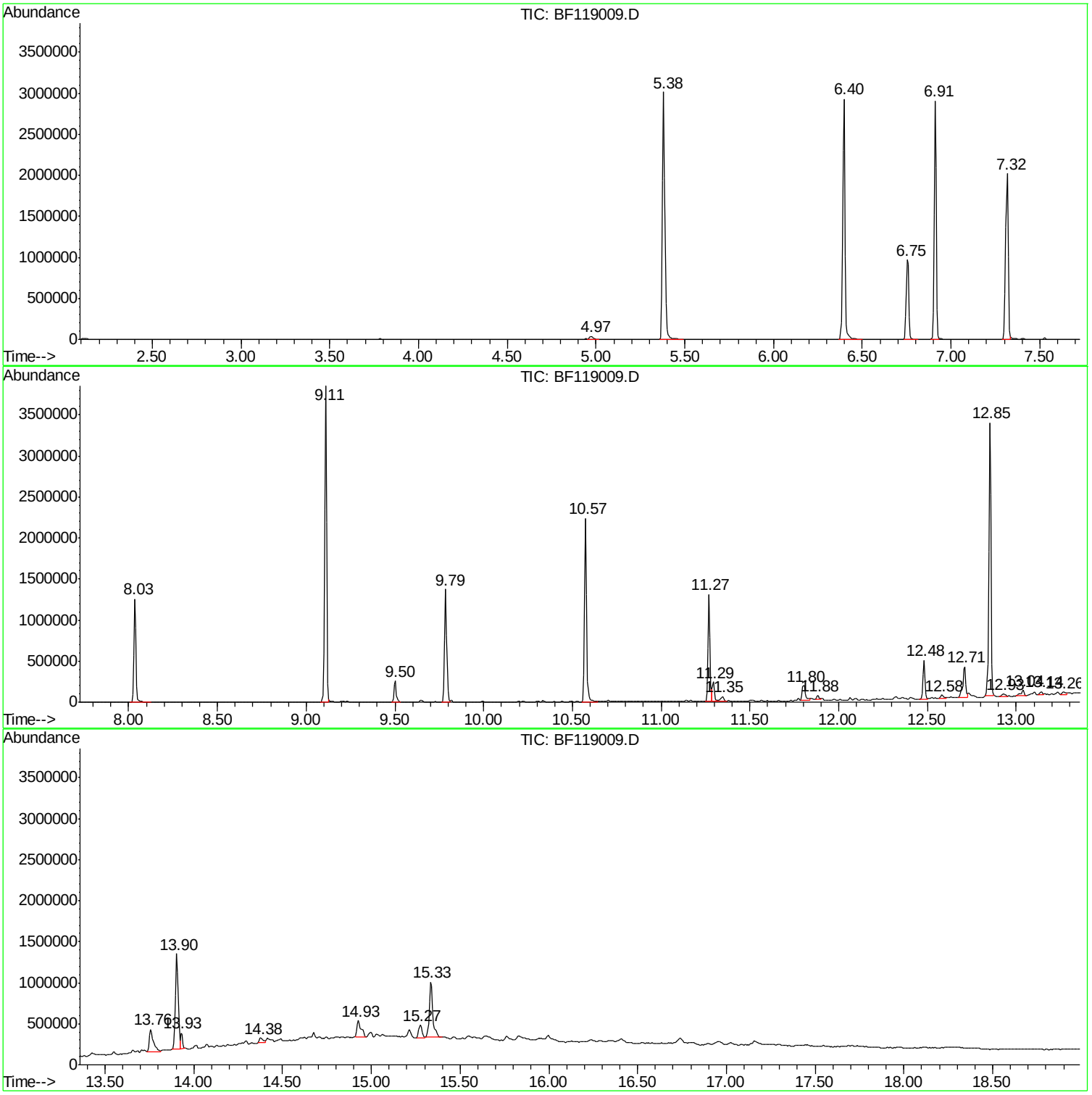
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-050-A

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

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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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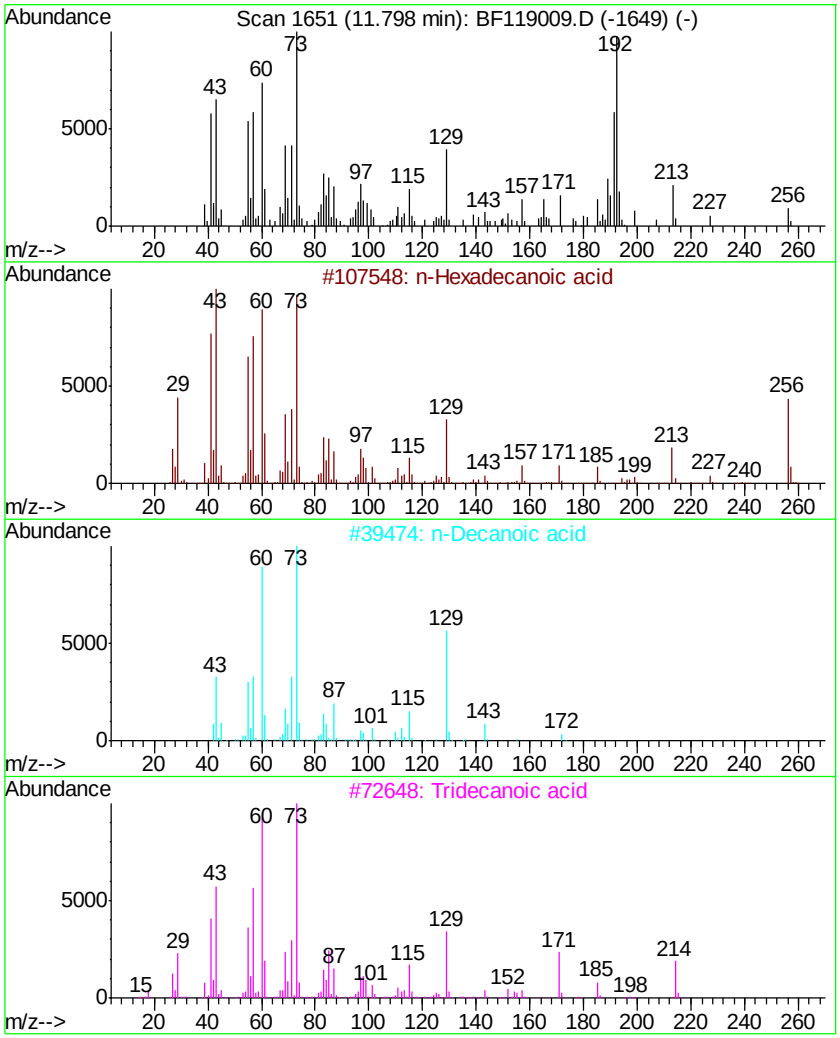
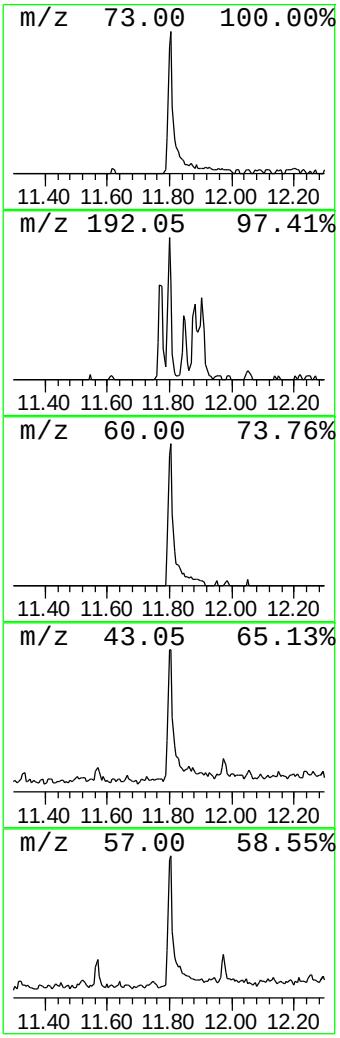
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.79 ng	210534	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25





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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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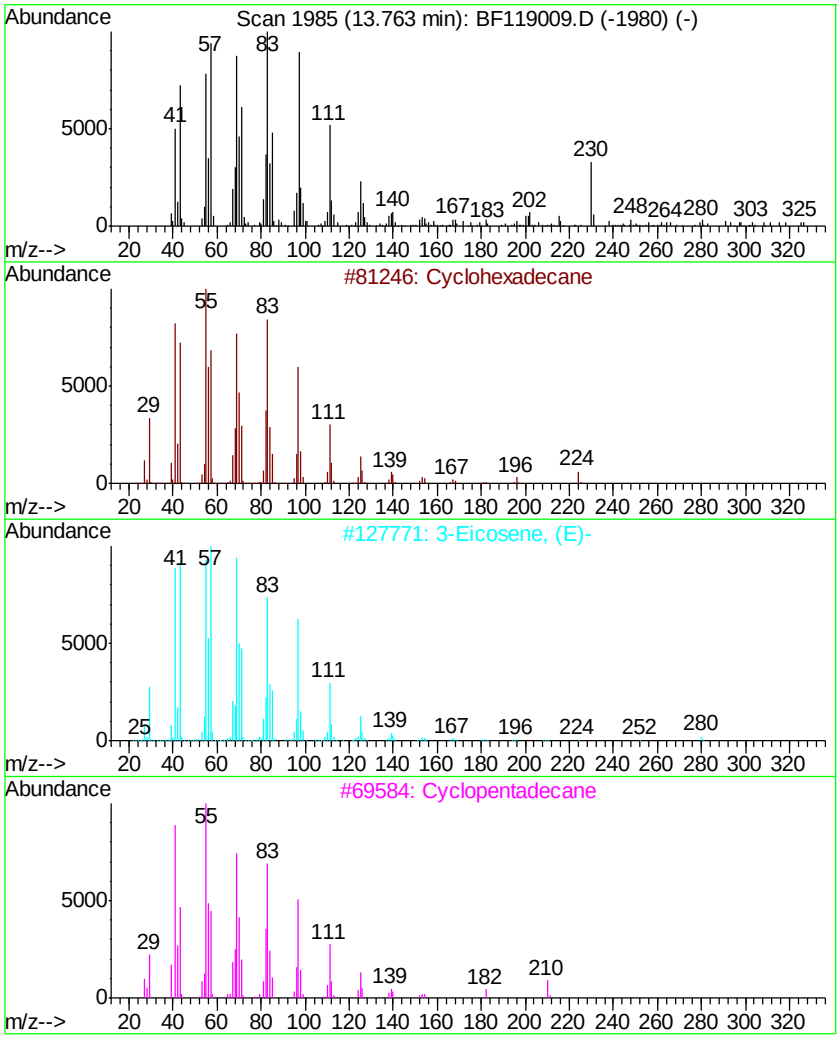
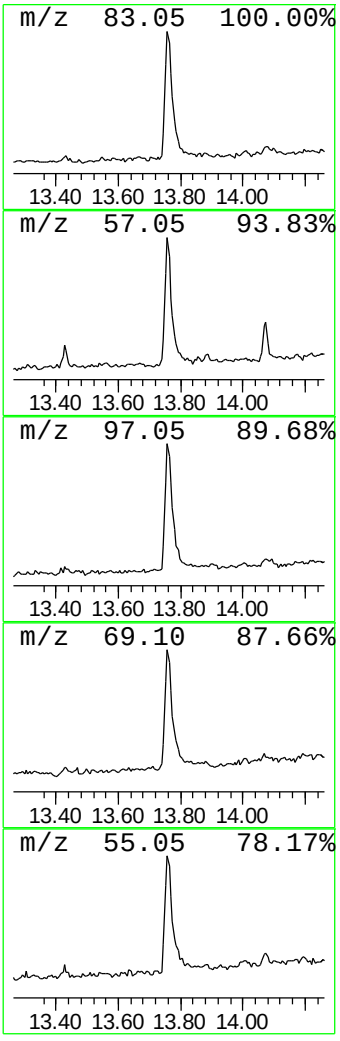
Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	6.94 ng	434632	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
3	Cyclopentadecane	210	C15H30	000295-48-7	98
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Docosene	308	C22H44	001599-67-3	93





Tentatively Identified Compound (LSC) summary

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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
n-Hexadecanoic acid	11.80	3.8	ng	210534	4	11.27	1111040	20.0
Cyclohexadecane	13.76	6.9	ng	434632	5	13.90	1251720	20.0