LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123608.D
Acq On : 16 Apr 2021 23:59
Operator : JU/CG
Sample : M2052-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-041521

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123608.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	6	13	19	rVB	2528757	3108560	45.07%	6.486%
2	5.098	508	512	520	rVB	68201	88010	1.28%	0.184%
3	5.498	576	580	584	rBV	7107257	6515735	94.47%	13.594%
4	6.510	747	752	755	rBV	7366217	6897297	100.00%	14.390%
5	6.869	809	813	816	rBV	2569309	1960702	28.43%	4.091%
6	7.434	903	909	912	rBV	4925010	4388283	63.62%	9.155%
7	8.157	1026	1032	1035	rBV	2826213	2449754	35.52%	5.111%
8	9.233	1210	1215	1218	rBV	8044650	6787617	98.41%	14.161%
9	9.628	1278	1282	1286	rBV	289070	263200	3.82%	0.549%
10	9.916	1327	1331	1334	rVB	2949321	2350005	34.07%	4.903%
11	10.704	1461	1465	1468	rBV	3810522	3245652	47.06%	6.772%
12	11.363	1572	1577	1580	rBV2	73282	87089	1.26%	0.182%
13	11.404	1580	1584	1587	rBV	2415305	1964642	28.48%	4.099%
14	11.516	1600	1603	1605	rBV	152281	119602	1.73%	0.250%
15	11.933	1671	1674	1681	rBV	249260	212530	3.08%	0.443%
16	12.621	1788	1791	1794	rVB	157638	135905	1.97%	0.284%
17	12.851	1827	1830	1832	rBV	92521	81035	1.17%	0.169%
18	12.998	1851	1855	1858	rBV	4955649	4236873	61.43%	8.840%
19	13.233	1892	1895	1900	rBV4	86662	102094	1.48%	0.213%
20	13.916	2007	2011	2019	rBV2	399975	655768	9.51%	1.368%
21	14.051	2031	2034	2037	rBV	1353711	1230787	17.84%	2.568%
22	15.545	2284	2288	2292	rBV	894121	1049458	15.22%	2.190%

Sum of corrected areas: 47930598

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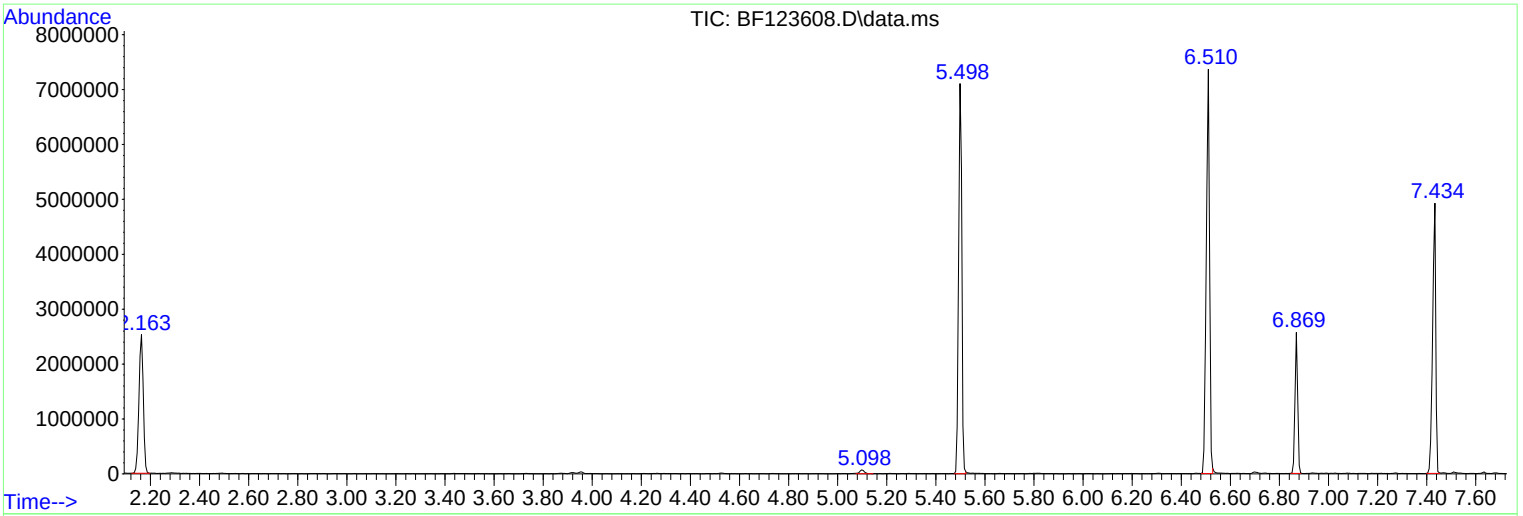
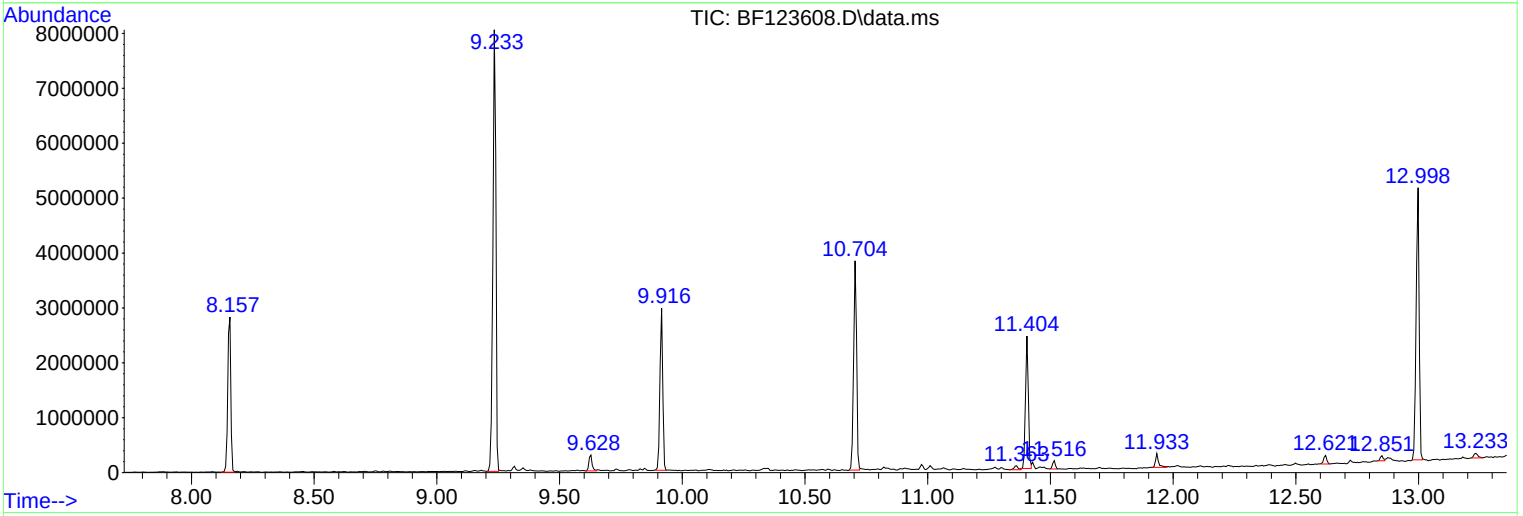
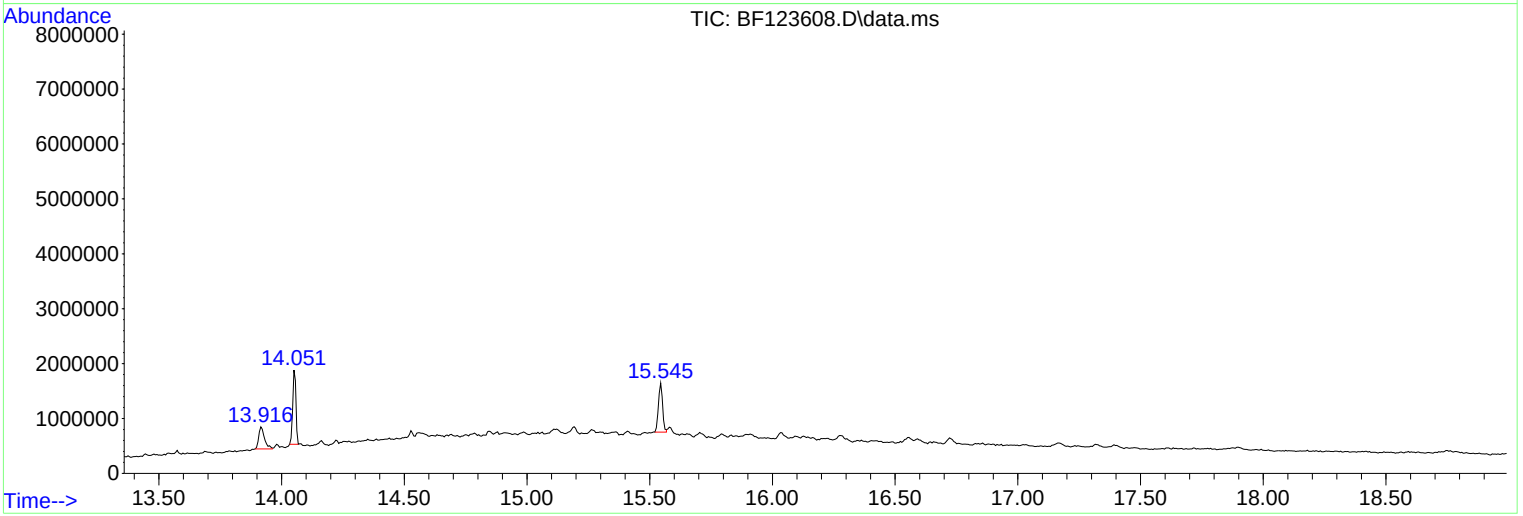
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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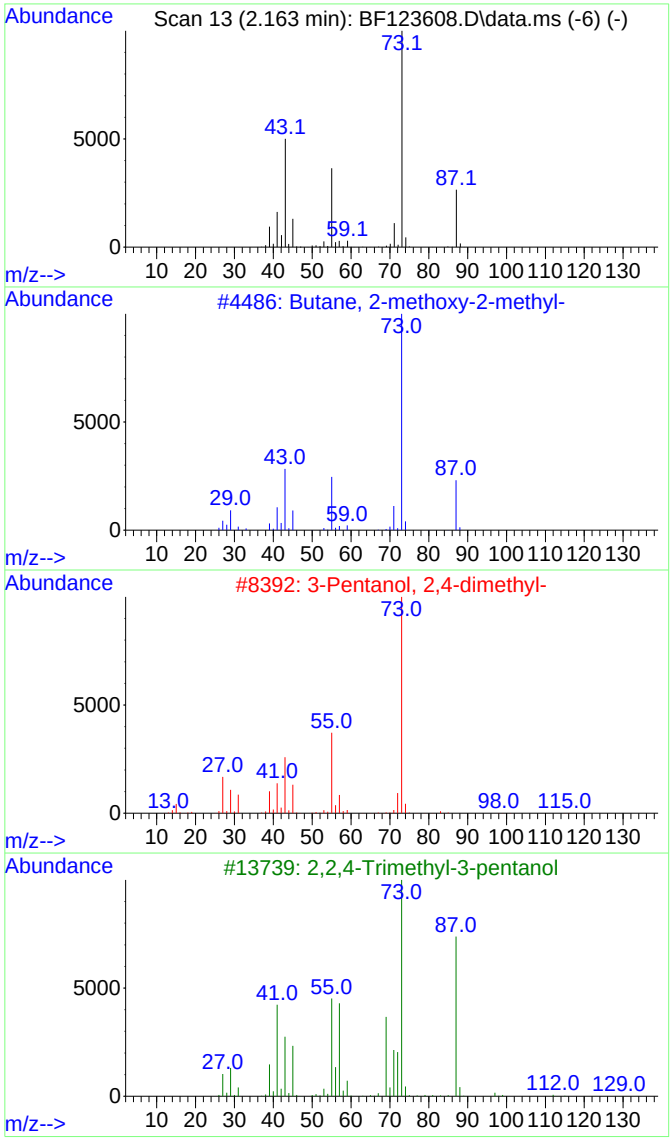
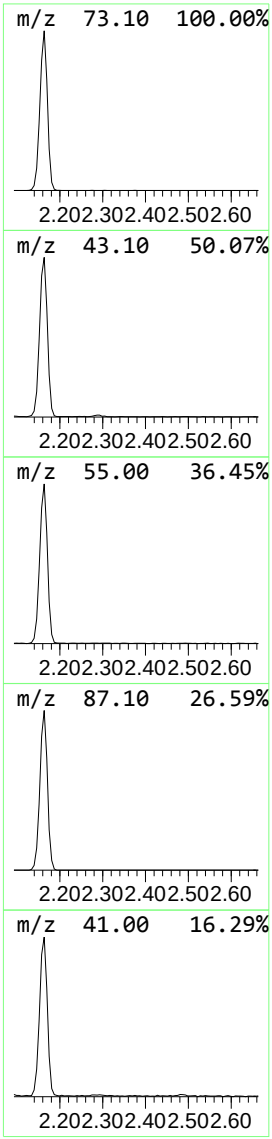
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	31.71 ng	3108560	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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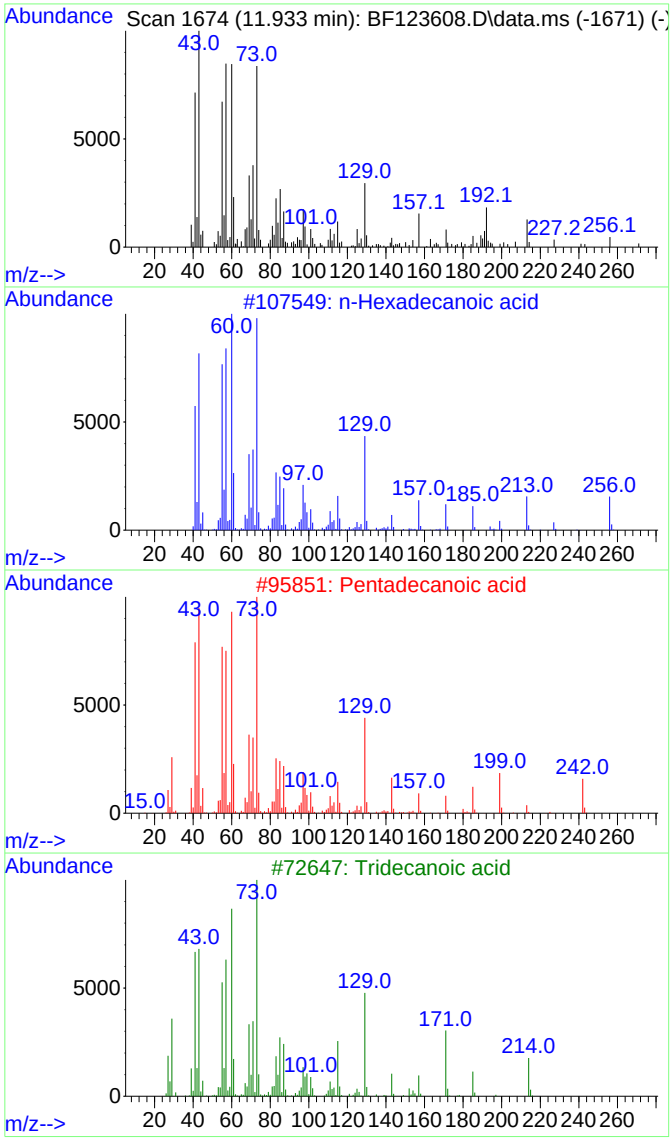
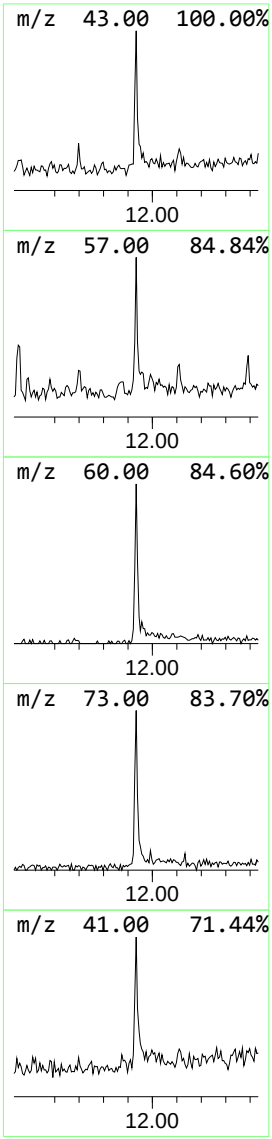
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.16 ng	212530	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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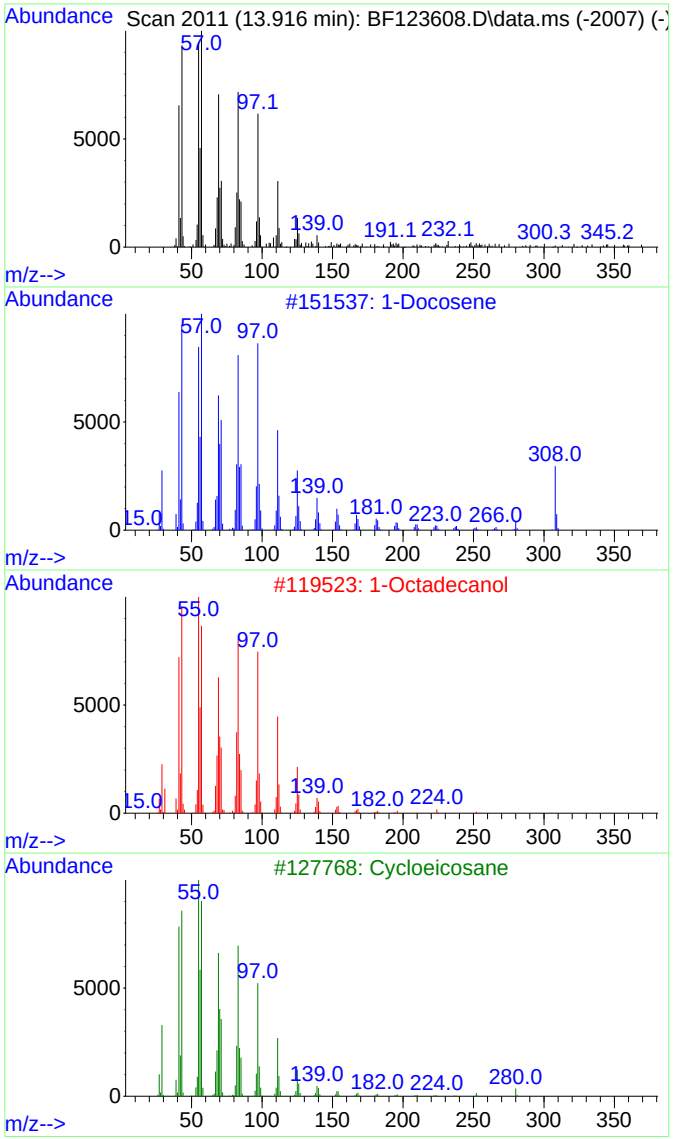
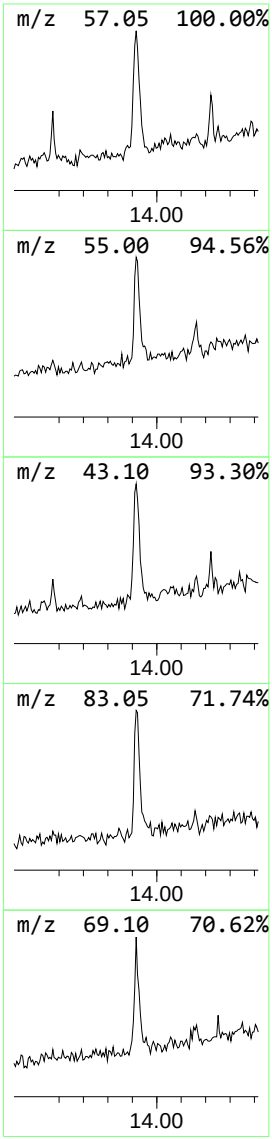
Peak Number 3 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	10.66 ng	655768	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	Cycloeicosane	280	C20H40	000296-56-0	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.163	31.7	ng	3108560	1	6.869	1960700	20.0
n-Hexadecanoic ...	11.933	2.2	ng	212530	4	11.404	1964640	20.0
1-Docosene	13.916	10.7	ng	655768	5	14.051	1230790	20.0