LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116232.D
Acq On : 13 Aug 2019 15:27
Operator : HP/JU
Sample : K4230-29
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : REACTOR-3A-(0-3)-COMP

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-BF073019.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	2.140	3	9	24	rVB	1309259	1744519	37.69%	4.524%
2	5.463	570	574	612	rBV	2848706	3183349	68.77%	8.254%
3	6.475	741	746	764	rBV	2909762	3500128	75.62%	9.076%
4	6.610	764	769	772	rBV	3280828	3238074	69.95%	8.396%
5	6.834	803	807	817	rBV	938801	850606	18.38%	2.206%
6	6.987	829	833	851	rBV	2616662	2706483	58.47%	7.018%
7	7.398	899	903	931	rBV	2137695	2273044	49.11%	5.894%
8	8.110	1021	1024	1045	rBV	954828	1115164	24.09%	2.892%
9	9.192	1202	1208	1220	rBV	3719155	3984124	86.07%	10.331%
10	9.586	1271	1275	1289	rBV	204667	238271	5.15%	0.618%
11	9.869	1319	1323	1339	rBV	1492575	1383574	29.89%	3.588%
12	10.663	1454	1458	1474	rBV	2476686	2776009	59.97%	7.198%
13	11.357	1572	1576	1585	rBV	1532511	1599686	34.56%	4.148%
14	11.422	1585	1587	1594	rVB3	47636	64587	1.40%	0.167%
15	11.880	1661	1665	1675	rBV3	170908	254501	5.50%	0.660%
16	12.574	1780	1783	1793	rBV	197372	206824	4.47%	0.536%
17	12.804	1816	1822	1829	rBV	162728	193356	4.18%	0.501%
18	12.945	1840	1846	1849	rBV	4265685	4628862	100.00%	12.003%
19	13.833	1991	1997	2017	rBV4	178947	535142	11.56%	1.388%
20	14.004	2021	2026	2037	rVB	1430202	1709385	36.93%	4.432%
21	14.445	2097	2101	2104	rBV3	51326	53589	1.16%	0.139%
22	14.751	2147	2153	2157	rVB	76077	83850	1.81%	0.217%
23	14.827	2162	2166	2170	rVB	112952	116629	2.52%	0.302%
24	15.051	2200	2204	2206	rBV	68774	88427	1.91%	0.229%
25	15.080	2206	2209	2215	rVB2	123040	147592	3.19%	0.383%
26	15.415	2262	2266	2269	rBV	52716	71318	1.54%	0.185%
27	15.468	2269	2275	2289	rVB	914748	1444018	31.20%	3.744%
28	15.880	2340	2345	2351	rVB	75075	115537	2.50%	0.300%
29	15.992	2356	2364	2372	rBV7	21765	74979	1.62%	0.194%
30	16.374	2423	2429	2443	rVB3	48537	108633	2.35%	0.282%
31	16.956	2523	2528	2543	rVB4	21887	74922	1.62%	0.194%

Sum of corrected areas: 38565182

LSC Report - Integrated Chromatogram

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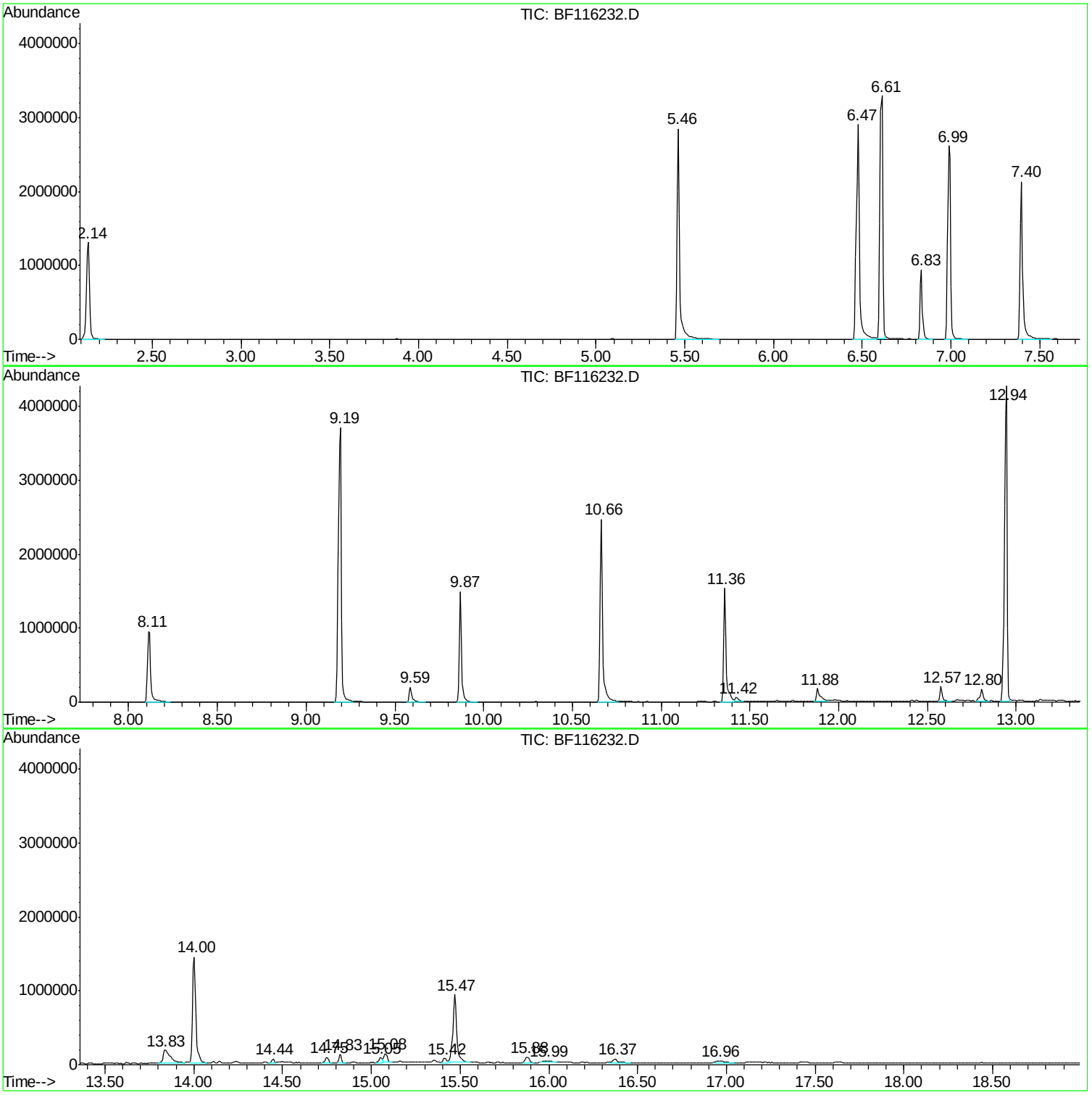
Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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BNA_F
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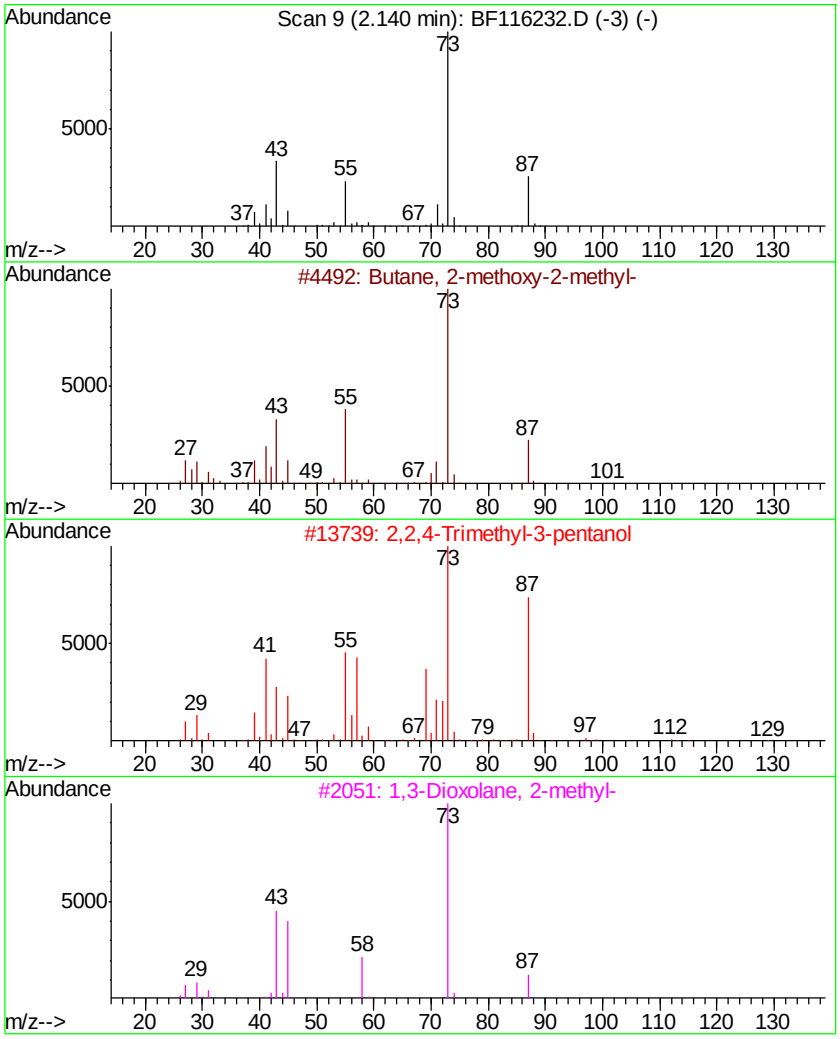
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

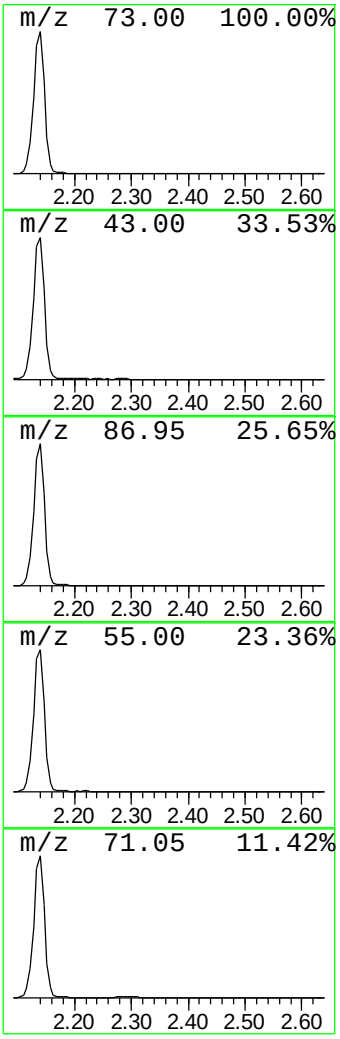
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	41.02 ng	1744520	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Misc :
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Instrument : BNA_F
ClientSampleId : REACTOR-3A-(0-3)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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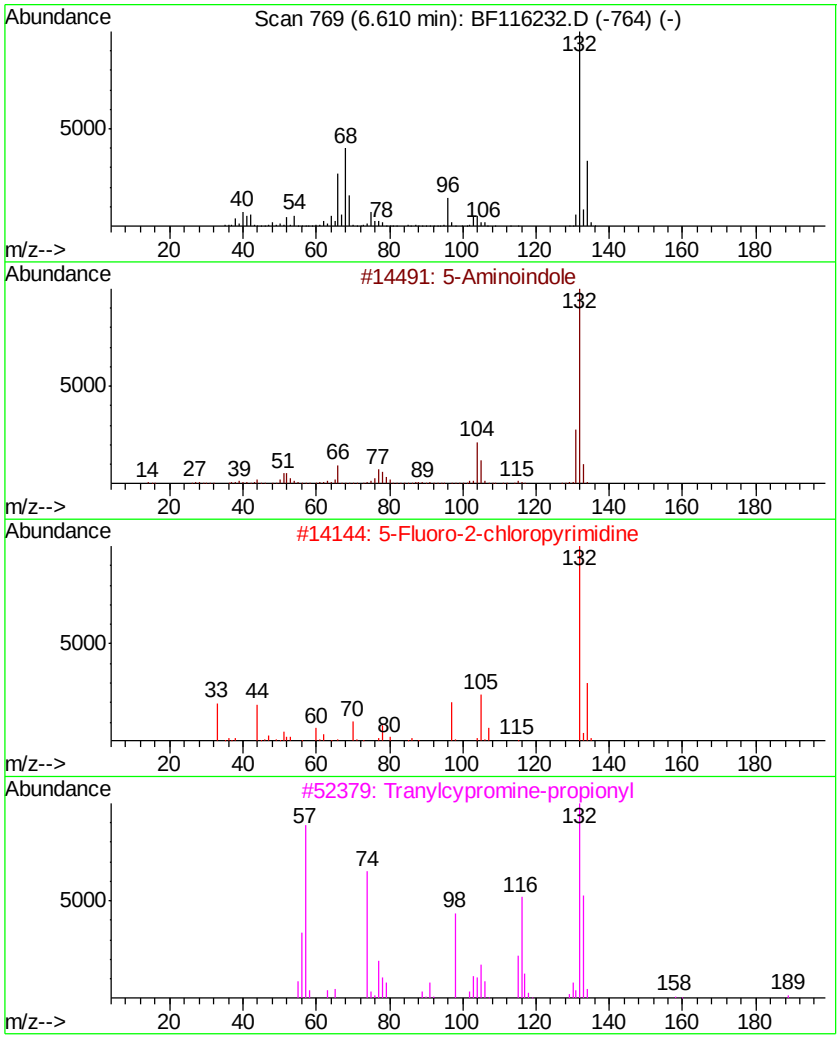
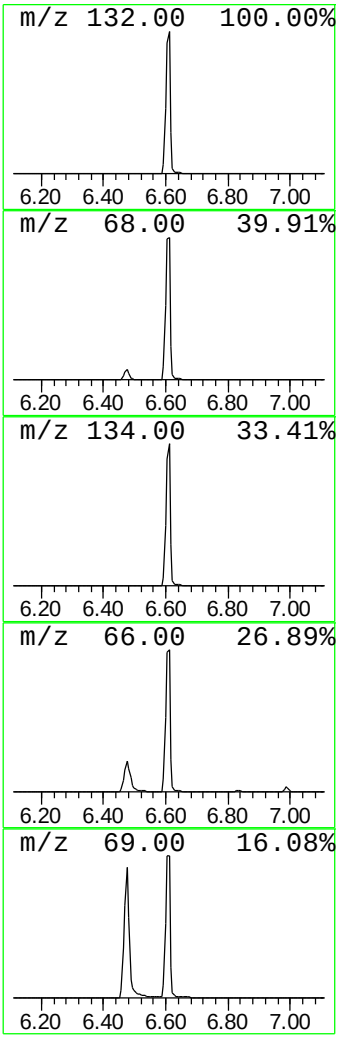
Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	76.14 ng	3238070	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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TIC Integration Parameters: LSCINT.P

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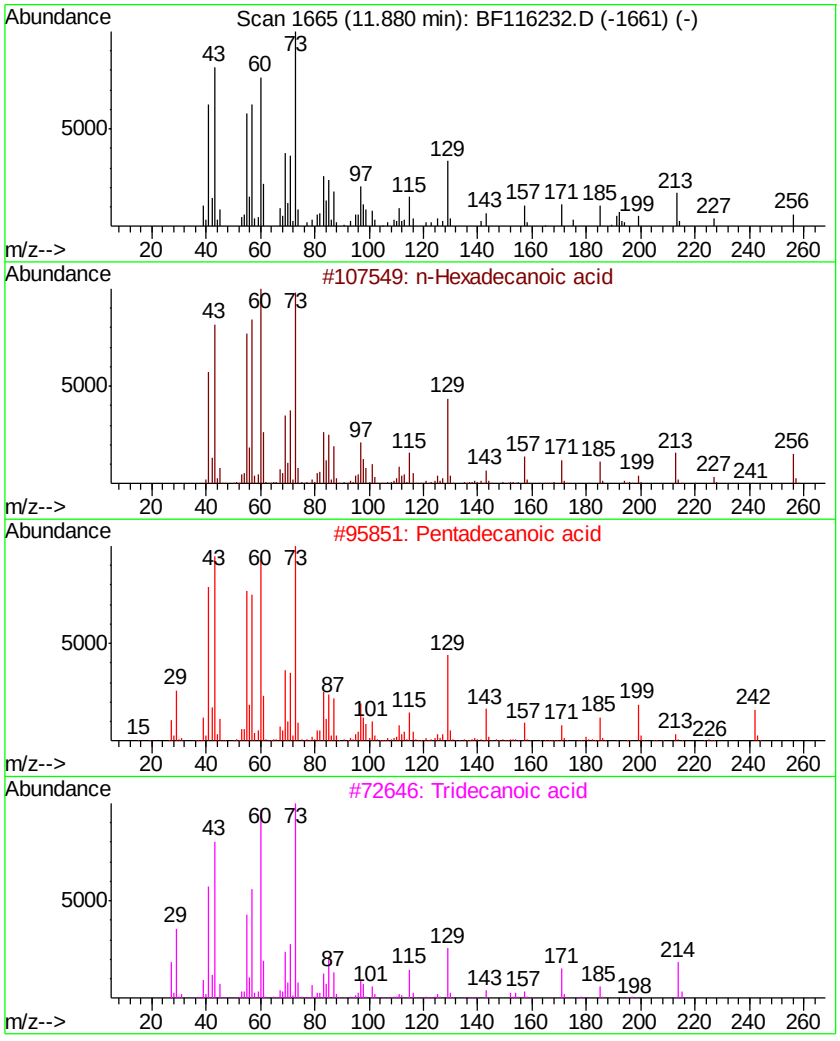
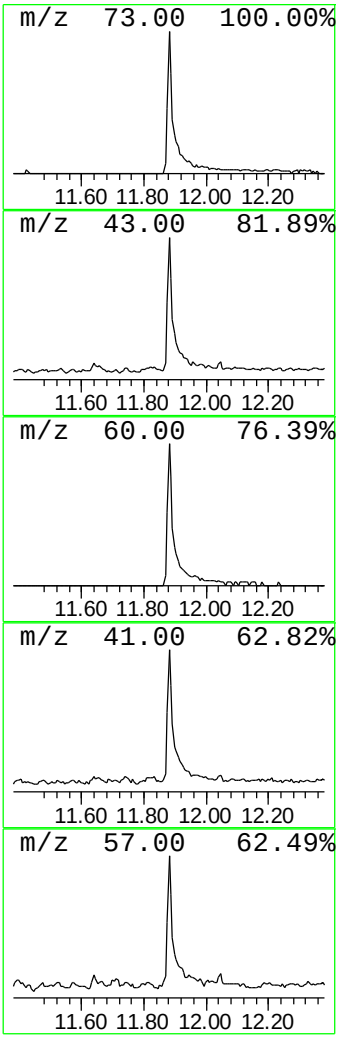
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.18 ng	254501	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : REACTOR-3A-(0-3)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

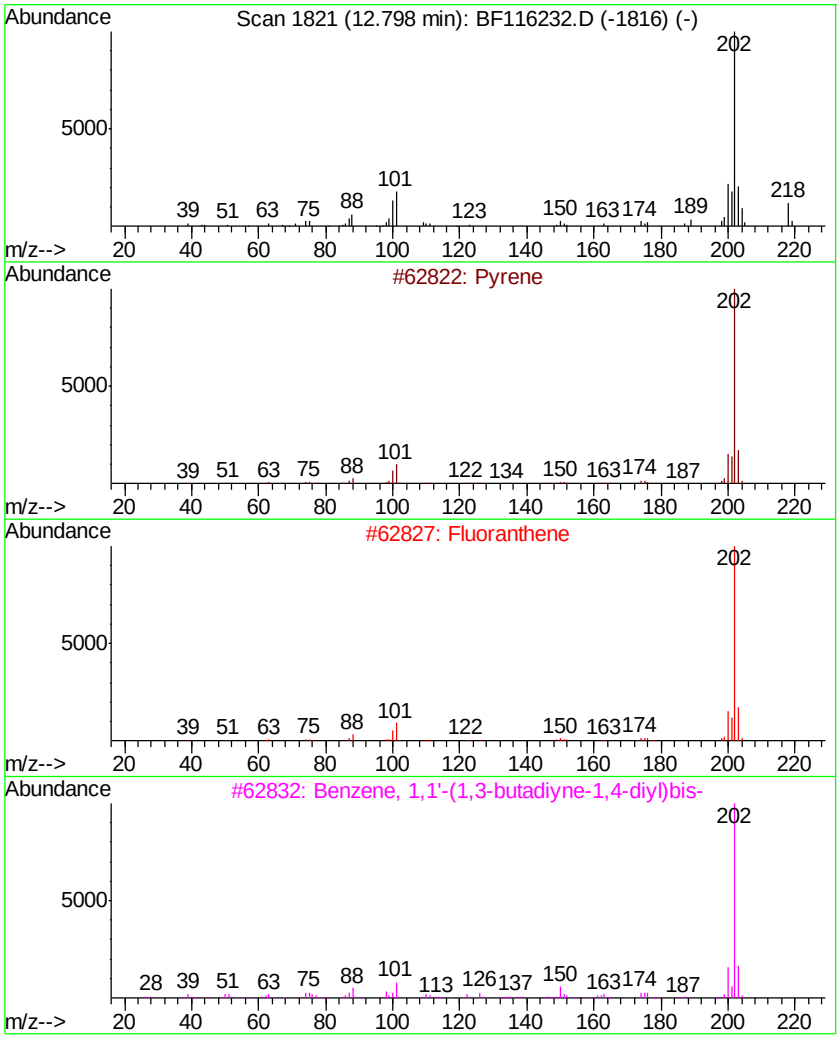
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

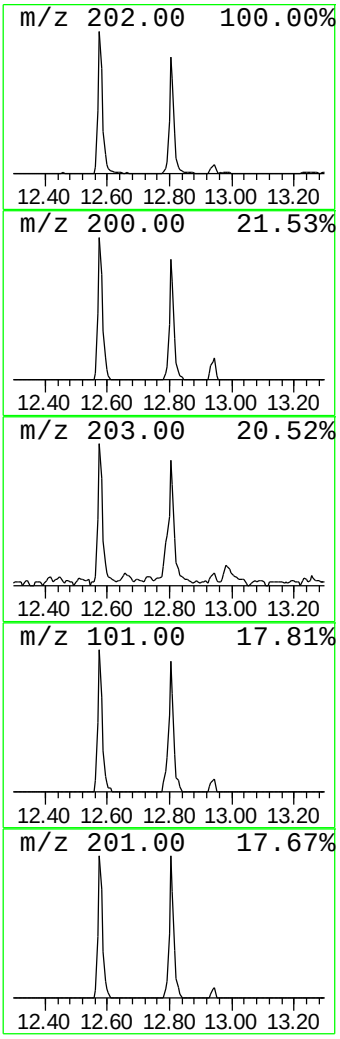
****

Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.26 ng	193356	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	95
2	Fluoranthene	202	C16H10	000206-44-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	53
4	Succinic acid, di(4-cyanophenyl)...	320	C18H12N2O4	1000360-71-2	43
5	Succinic acid, 4-cyanophenyl 2,3...	363	C17H11Cl2NO4	1000360-70-9	43





Library Search Compound Report

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ClientSampleId : REACTOR-3A-(0-3)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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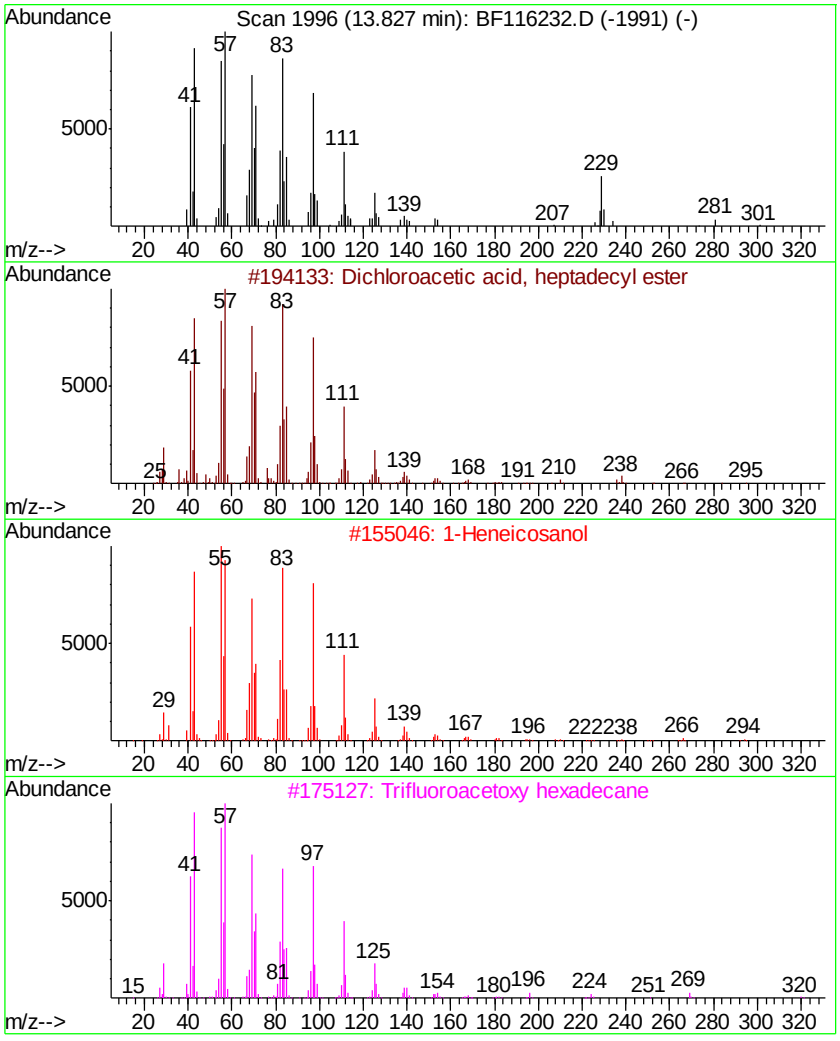
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

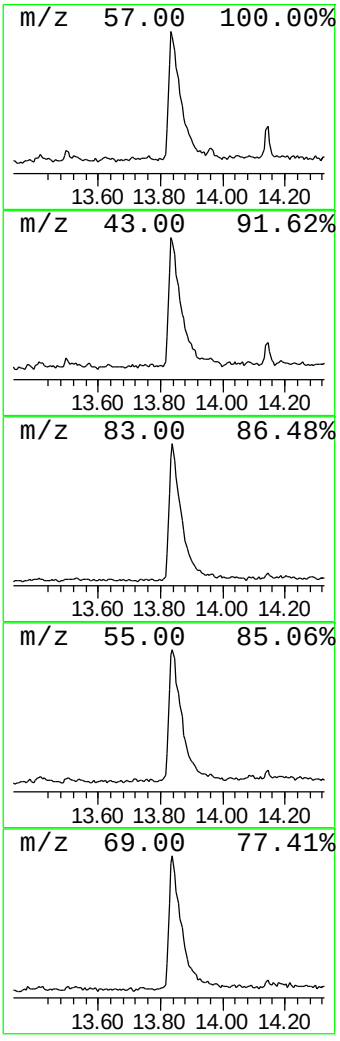
****

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.26 ng	535142	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





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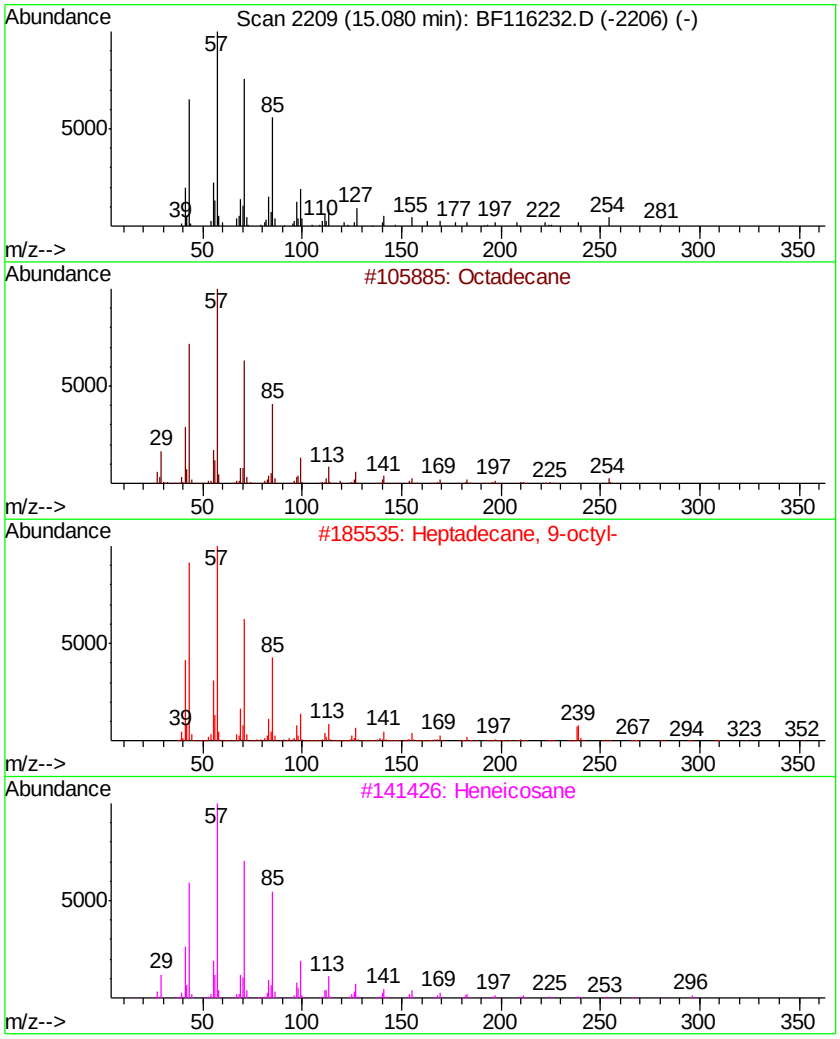
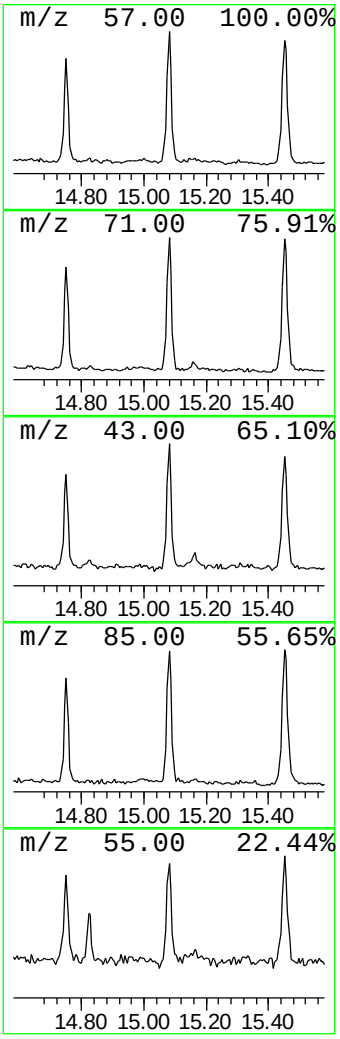
****

Peak Number 7 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.04 ng	147592	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86





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
Butane, 2-methoxy...	2.14	41.0	ng	1744520	1	6.83	850606	20.0
unknown6.61	6.61	76.1	ng	3238070	1	6.83	850606	20.0
n-Hexadecanoic acid	11.88	3.2	ng	254501	4	11.36	1599690	20.0
Benzene, 1,1'-(1,...	12.80	2.3	ng	193356	5	14.00	1709390	20.0
Dichloroacetic ac...	13.83	6.3	ng	535142	5	14.00	1709390	20.0
Octadecane	15.08	2.0	ng	147592	6	15.47	1444020	20.0