LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126106.D
Acq On : 10 Nov 2021 14:22
Operator : JU/CG
Sample : M4537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-S2-S3

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	10	17	rBV	1105817	1361184	39.38%	5.412%
2	5.475	571	576	579	rBV	3240247	3151221	91.18%	12.529%
3	6.481	742	747	750	rBV	3435638	3252412	94.11%	12.931%
4	6.851	807	810	814	rBV	1041033	881328	25.50%	3.504%
5	7.416	901	906	909	rBV	2216181	2064400	59.73%	8.208%
6	8.039	1008	1012	1024	rBV	413671	473164	13.69%	1.881%
7	8.133	1024	1028	1032	rBV	1180903	1009692	29.21%	4.014%
8	9.210	1206	1211	1214	rBV	4335430	3456115	100.00%	13.741%
9	9.886	1320	1326	1331	rBV	1266668	1056108	30.56%	4.199%
10	10.674	1456	1460	1472	rBV	2198710	1976461	57.19%	7.858%
11	11.374	1575	1579	1581	rBV	1034785	939235	27.18%	3.734%
12	11.392	1581	1582	1586	rVB	83937	65877	1.91%	0.262%
13	11.768	1643	1646	1650	rVB	94486	73241	2.12%	0.291%
14	12.474	1760	1766	1769	rBV3	84308	82999	2.40%	0.330%
15	12.586	1782	1785	1789	rVB	101161	92142	2.67%	0.366%
16	12.810	1821	1823	1826	rVB	102787	83553	2.42%	0.332%
17	12.957	1844	1848	1851	rBV	3744962	3008065	87.04%	11.960%
18	13.862	1999	2002	2014	rVB2	136551	222312	6.43%	0.884%
19	14.009	2022	2027	2030	rBV	1115727	996920	28.85%	3.964%
20	14.868	2170	2173	2175	rBV2	65871	68660	1.99%	0.273%
21	15.474	2272	2276	2281	rBV	669662	836782	24.21%	3.327%

Sum of corrected areas: 25151871

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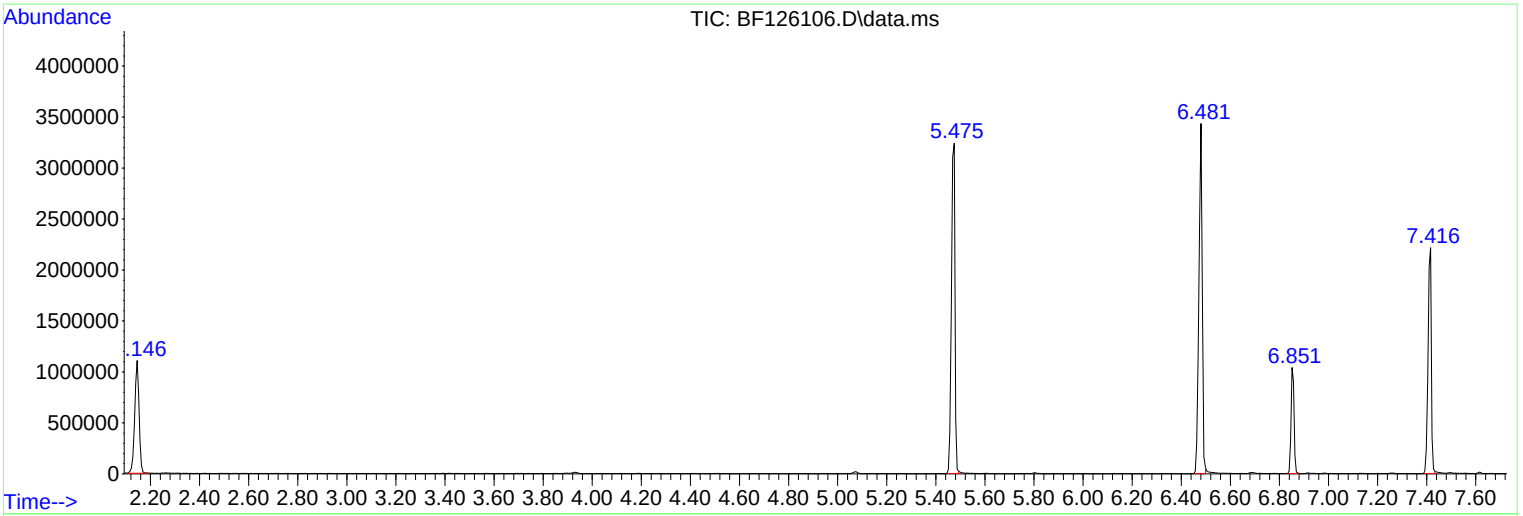
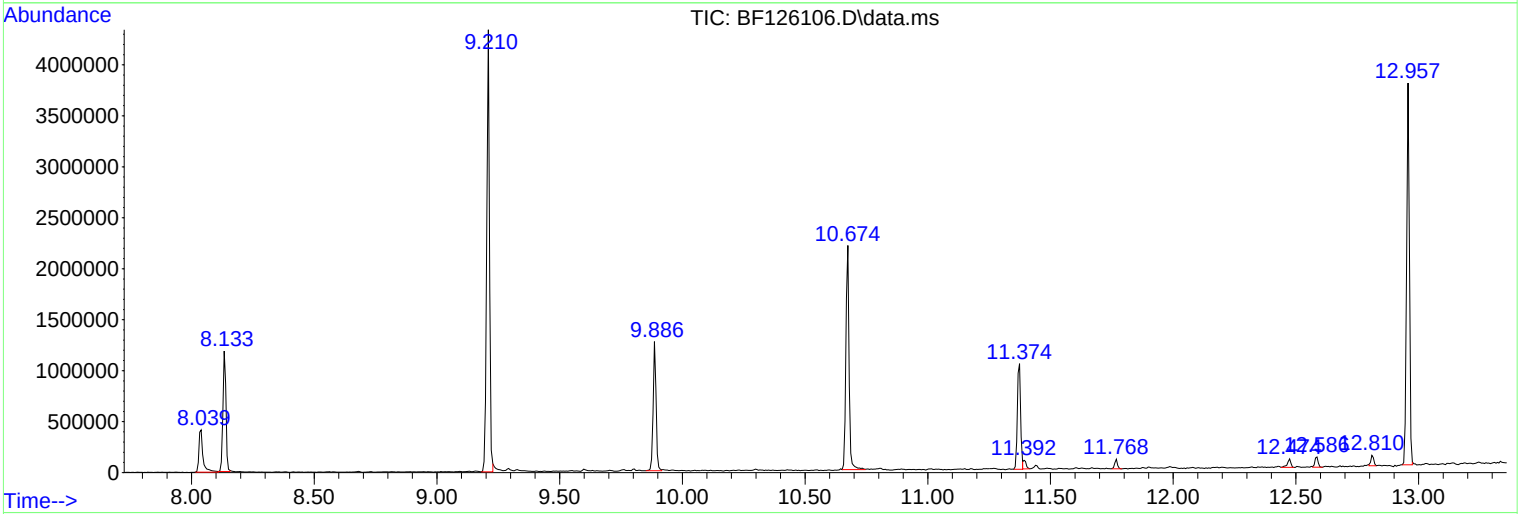
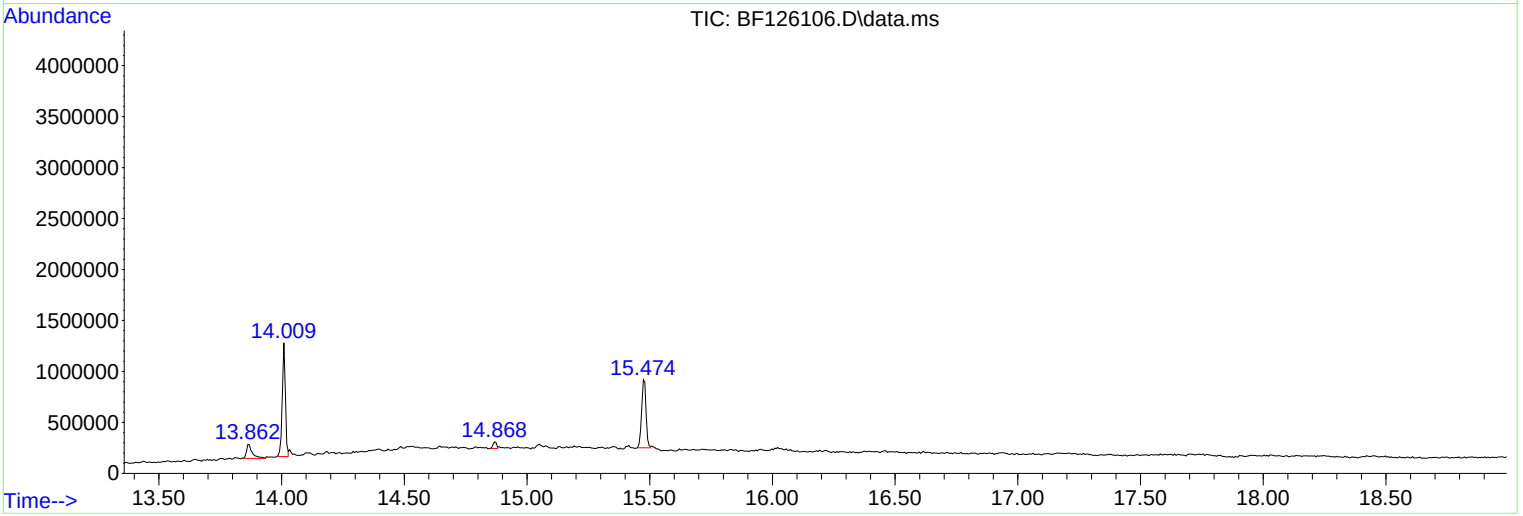
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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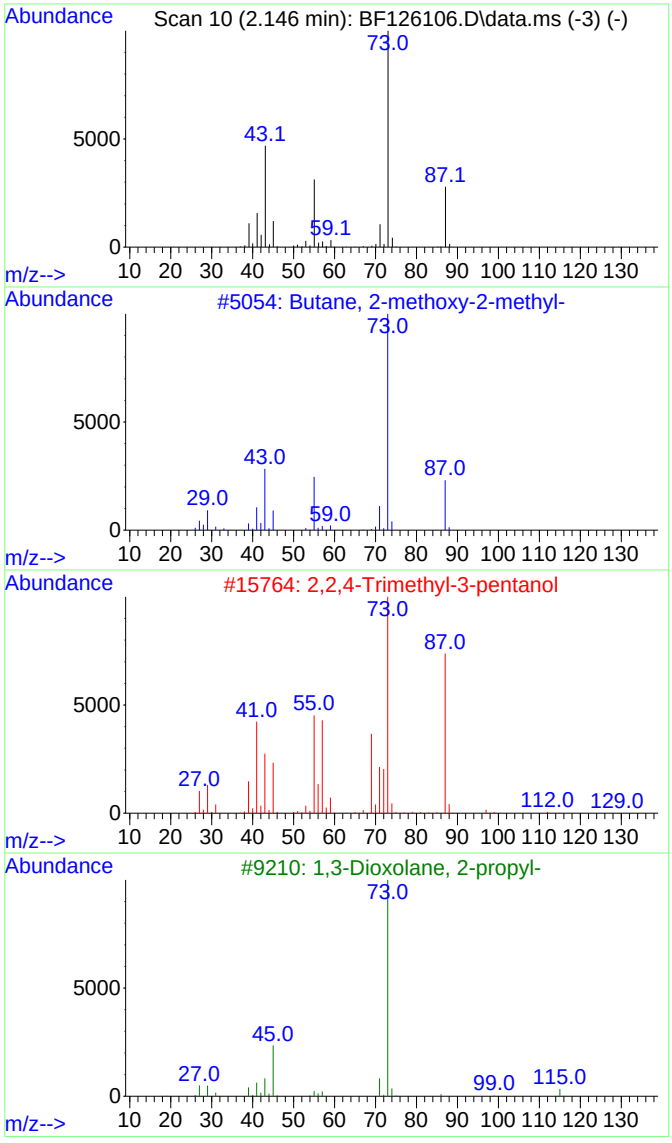
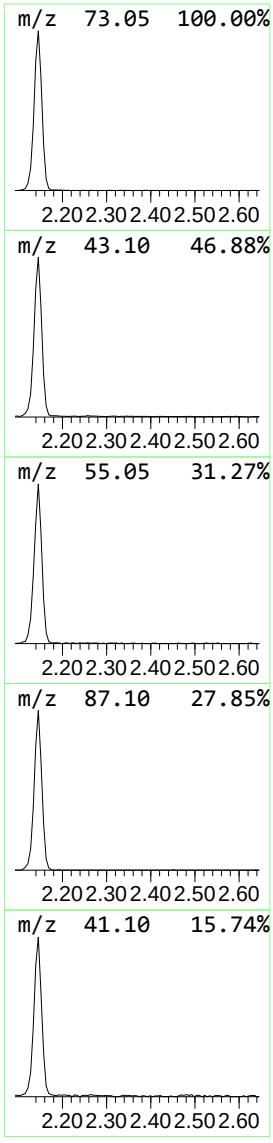
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	30.89 ng	1361180	1,4-Dichlorobenzene-d4	6.851

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	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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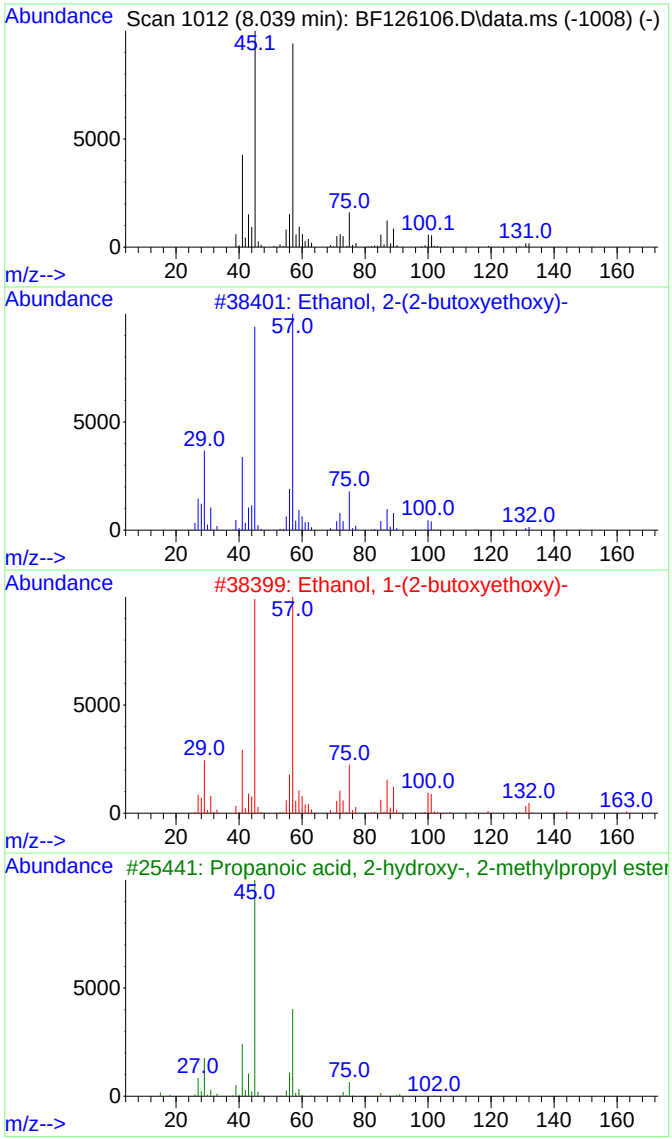
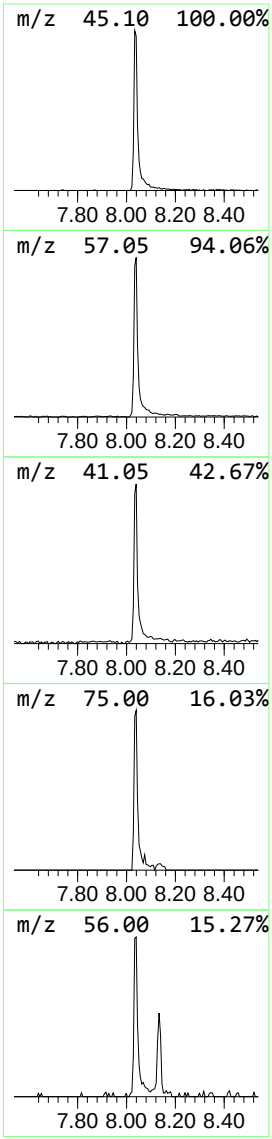
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.039	9.37 ng	473164	Naphthalene-d8	8.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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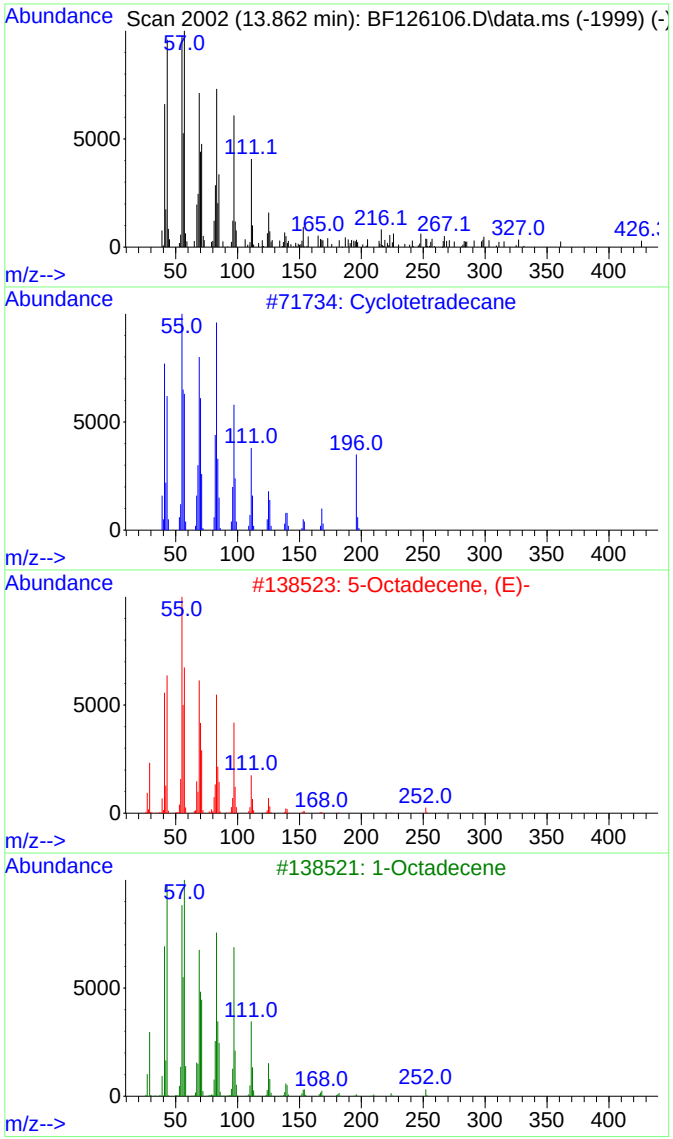
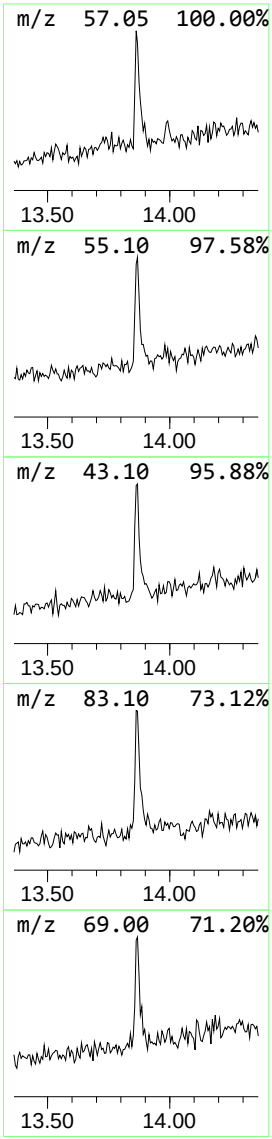
Peak Number 3 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.862	4.46 ng	222312	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3	1-Octadecene	252	C18H36	000112-88-9	93
4	Heptacos-1-ene	378	C27H54	015306-27-1	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





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...	2.146	30.9	ng	1361180	1	6.851	881328	20.0
Ethanol, 2-(2-b...	8.039	9.4	ng	473164	2	8.133	1009690	20.0
Cyclotetradecane	13.862	4.5	ng	222312	5	14.009	996920	20.0