LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
Data File : BF130943.D
Acq On : 02 Nov 2022 22:13
Operator : CG\JU
Sample : N5395-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-8-103122

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130943.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.258	19	29	35	rVB	439005	609324	29.73%	4.304%
2	2.369	43	48	54	rVB	31314	40402	1.97%	0.285%
3	4.046	328	333	339	rVB	121195	149710	7.30%	1.057%
4	5.157	516	522	532	rVB	400641	490607	23.94%	3.465%
5	5.546	583	588	591	rBV	2119664	2049462	100.00%	14.476%
6	6.545	752	758	761	rBV	1996281	2041408	99.61%	14.419%
7	6.922	818	822	825	rBV	529439	407066	19.86%	2.875%
8	7.316	885	889	897	rBV	53355	57816	2.82%	0.408%
9	7.487	913	918	921	rBV	1413854	1290258	62.96%	9.114%
10	8.116	1021	1025	1034	rBV3	29250	69359	3.38%	0.490%
11	8.210	1037	1041	1043	rBV	514402	474849	23.17%	3.354%
12	9.286	1218	1224	1227	rBV	2046223	1742167	85.01%	12.306%
13	9.969	1336	1340	1343	rVB	535378	445024	21.71%	3.143%
14	10.757	1470	1474	1477	rBV	1200586	959255	46.81%	6.776%
15	10.804	1479	1482	1490	rVB	38907	37459	1.83%	0.265%
16	11.457	1590	1593	1596	rBV	426956	366499	17.88%	2.589%
17	11.480	1596	1597	1600	rVB	47351	31456	1.53%	0.222%
18	11.975	1676	1681	1686	rBV5	32579	41176	2.01%	0.291%
19	12.674	1797	1800	1804	rVB	105678	85107	4.15%	0.601%
20	12.904	1834	1839	1843	rBV	88545	98422	4.80%	0.695%
21	13.051	1860	1864	1867	rVB	1425557	1218448	59.45%	8.606%
22	13.233	1893	1895	1899	rVB2	24938	21874	1.07%	0.155%
23	13.616	1955	1960	1962	rBV3	16675	26760	1.31%	0.189%
24	13.945	2014	2016	2021	rVB2	21813	20912	1.02%	0.148%
25	14.045	2025	2033	2037	rVV9	38709	123498	6.03%	0.872%
26	14.110	2039	2044	2046	rVV2	435939	477824	23.31%	3.375%
27	14.133	2046	2048	2054	rVB	63086	57280	2.79%	0.405%
28	14.568	2119	2122	2127	rBV3	31690	40725	1.99%	0.288%
29	15.168	2220	2224	2228	rBV	61131	97722	4.77%	0.690%
30	15.245	2234	2237	2240	rVB	35608	36990	1.80%	0.261%
31	15.486	2275	2278	2283	rVB	32334	44377	2.17%	0.313%
32	15.551	2286	2289	2295	rVB	43132	52970	2.58%	0.374%
33	15.621	2296	2301	2305	rBV	321709	414636	20.23%	2.929%
34	16.110	2380	2384	2387	rVB2	26545	36701	1.79%	0.259%

Sum of corrected areas: 14157543

Instrument :
BNA_F
ClientSampleId :
S-8-103122

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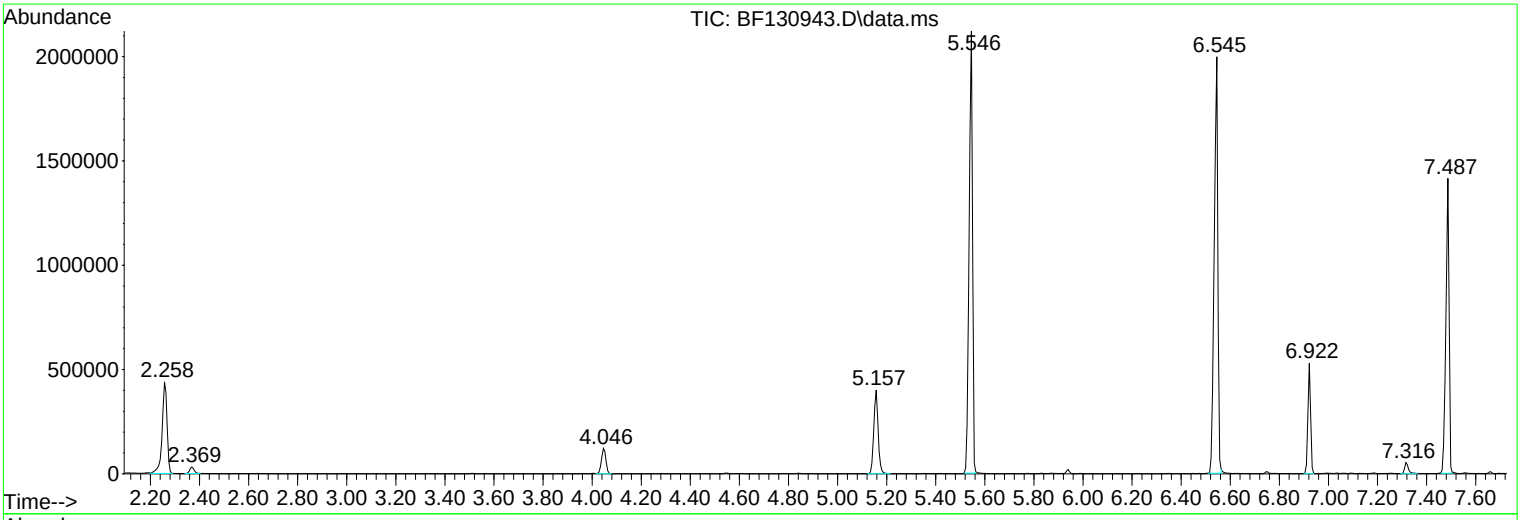
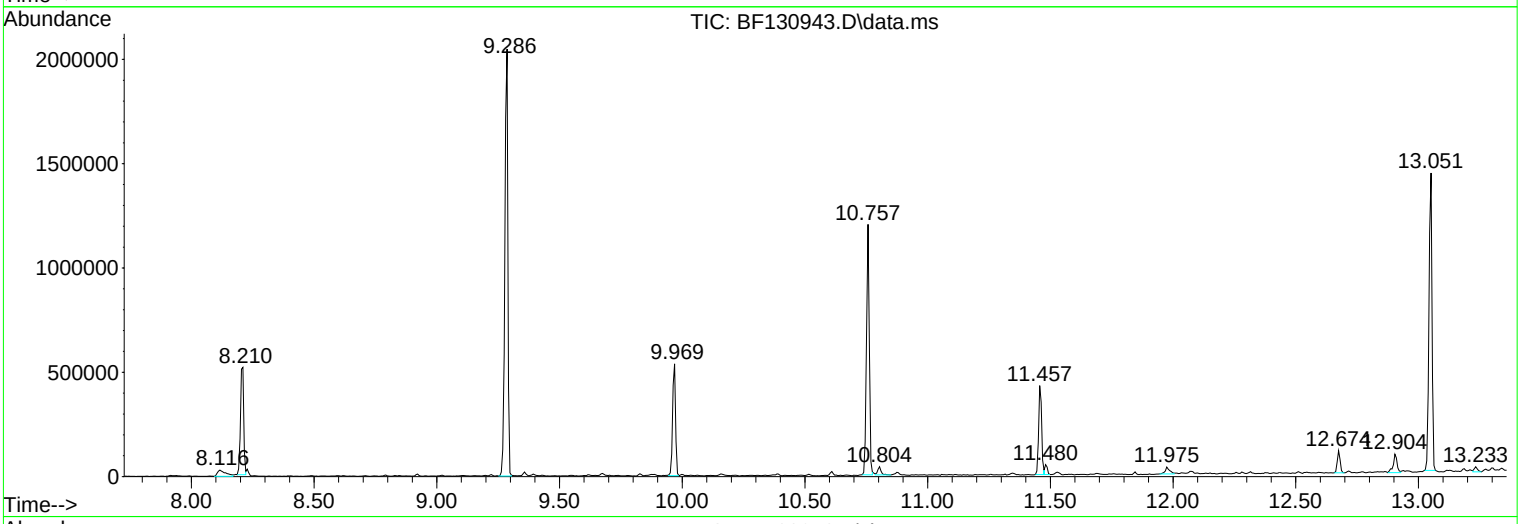
Misc :
ALS Vial : 13 Sample Multiplier: 1

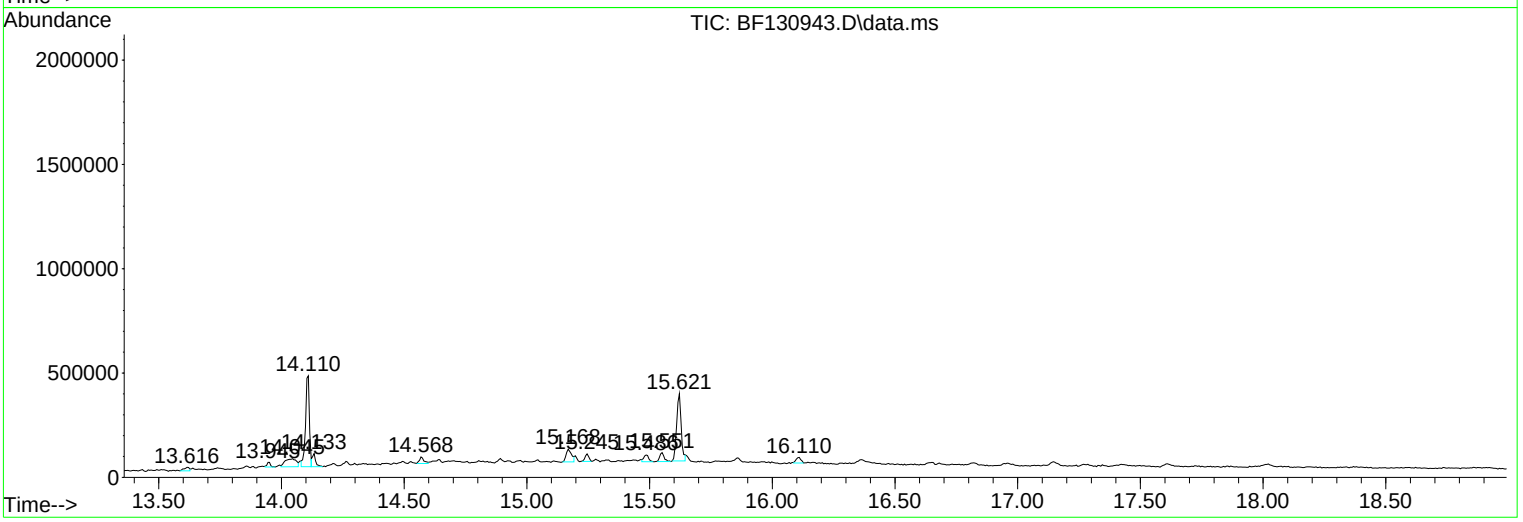
Instrument :
BNA_F
ClientSampleId :
S-8-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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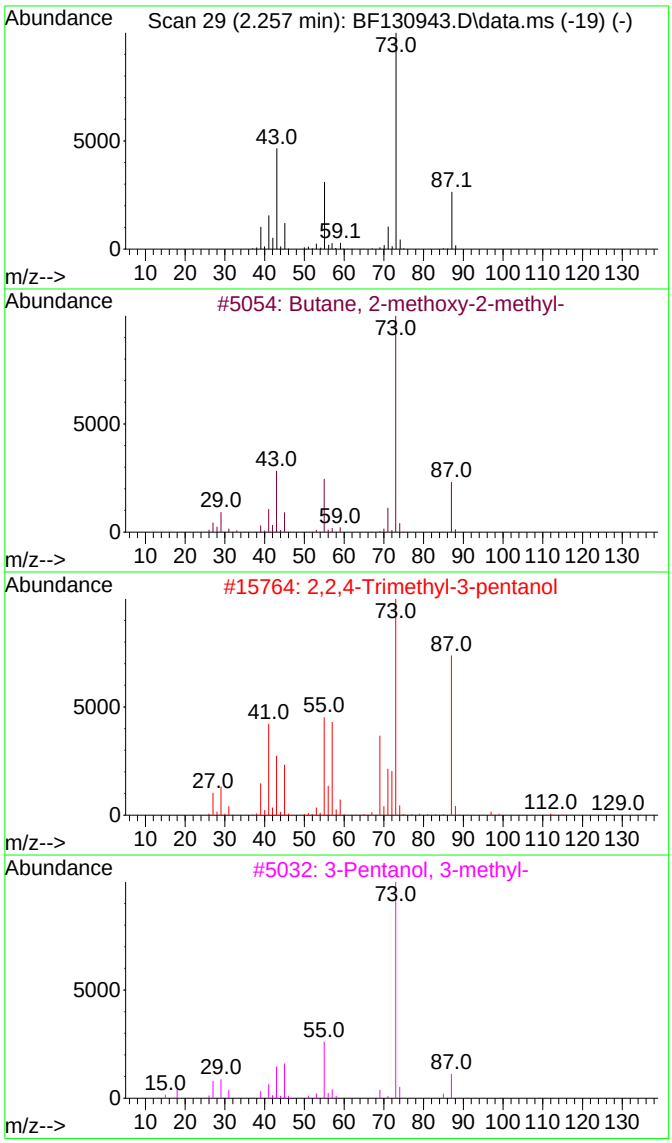
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

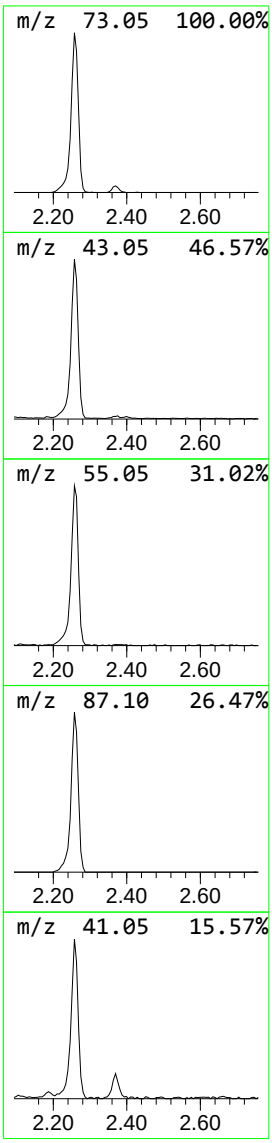
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	29.94 ng	609324	1,4-Dichlorobenzene-d4	6.922

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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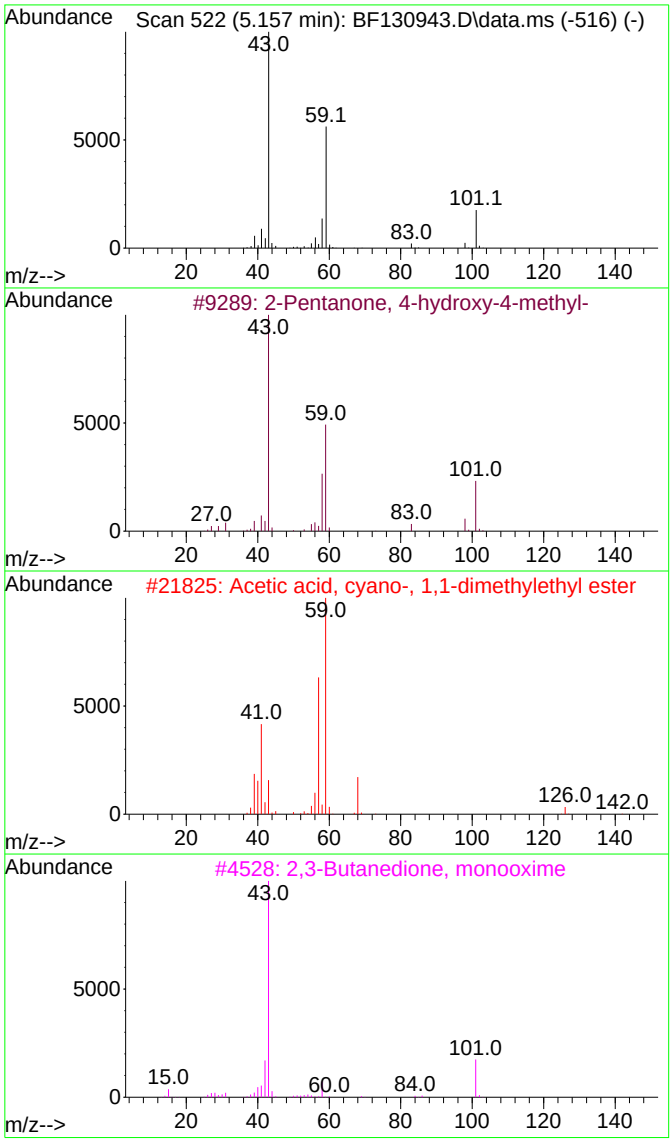
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

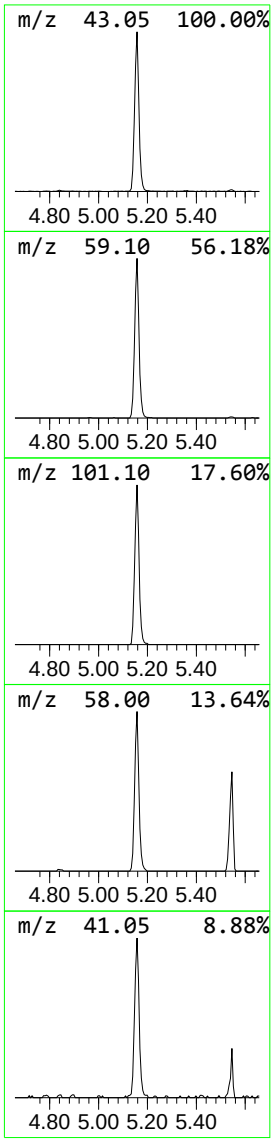
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	24.10 ng	490607	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF130943.D
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Operator : CG\JU
Sample : N5395-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-8-103122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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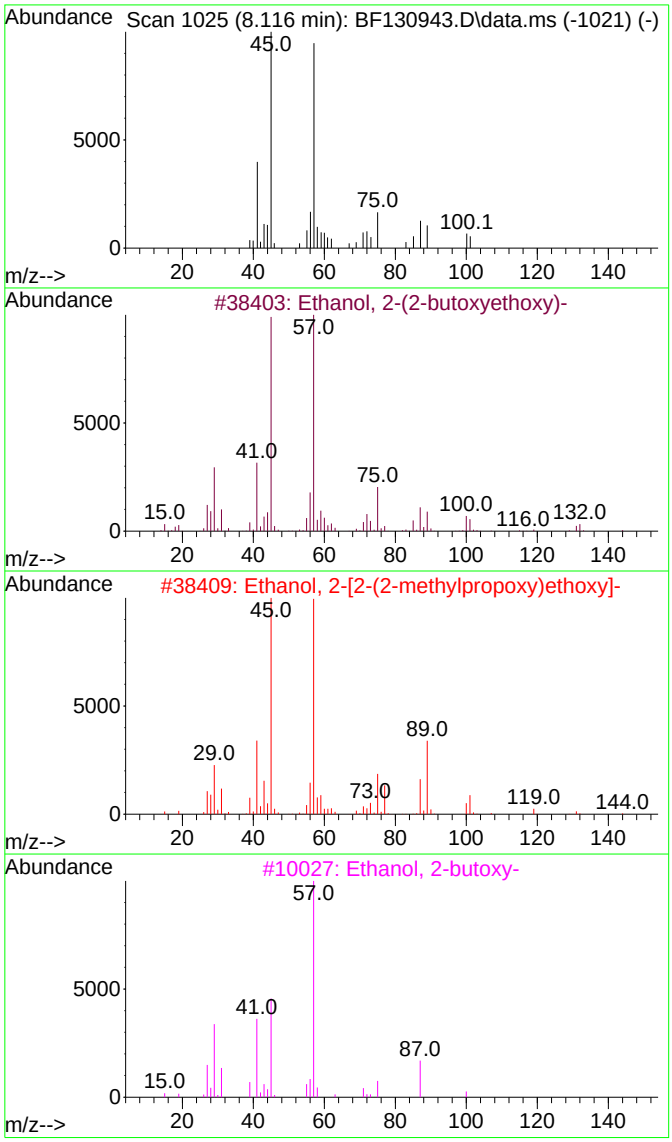
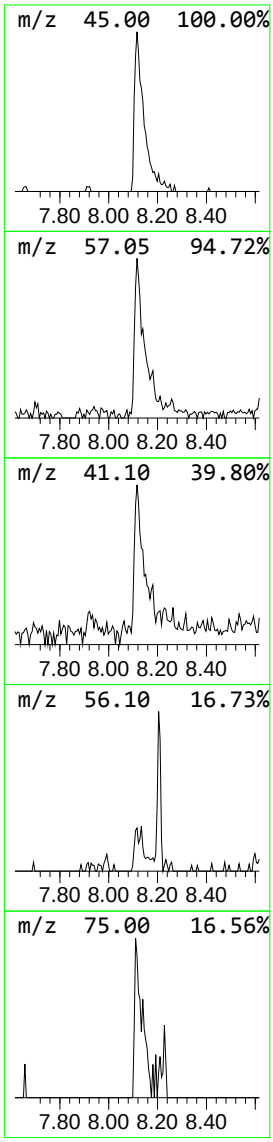
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.116	2.92 ng	69359	Naphthalene-d8	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
5	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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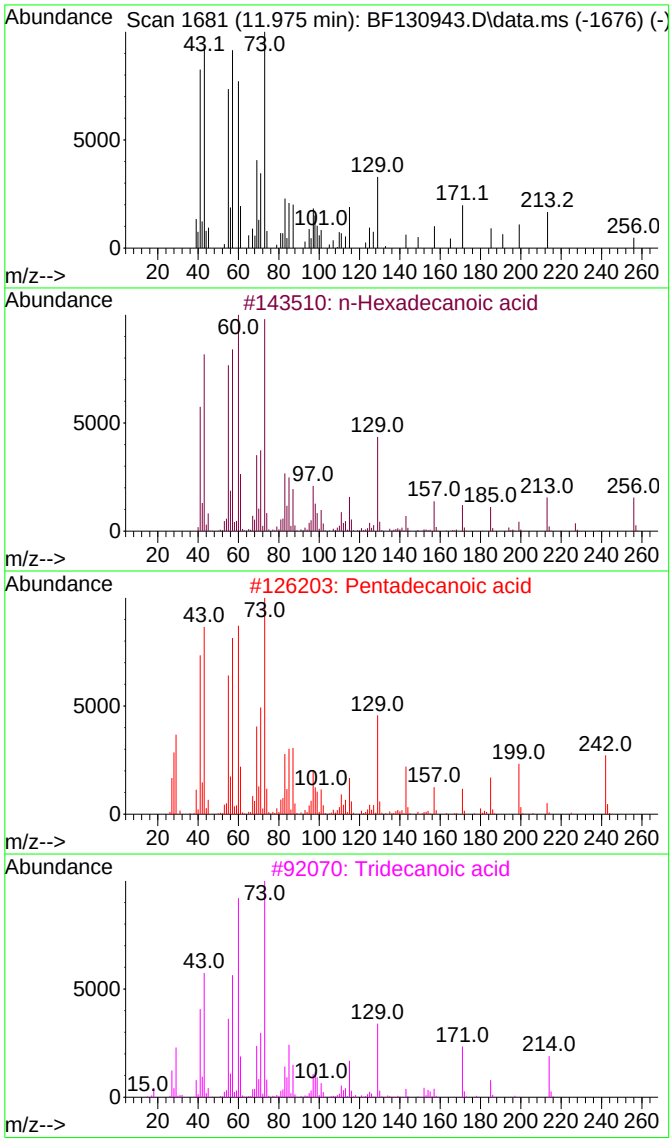
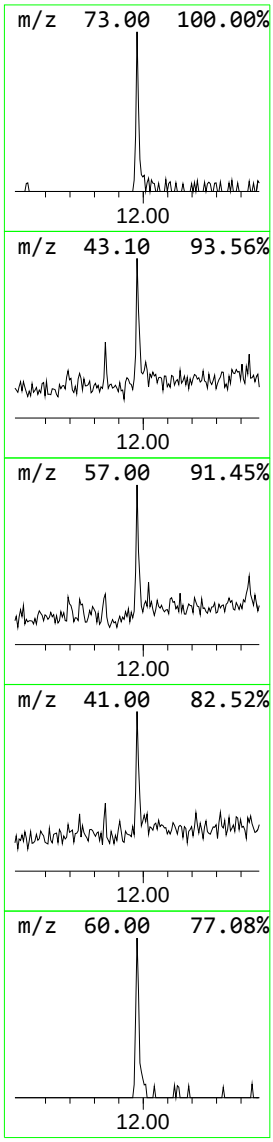
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.25 ng	41176	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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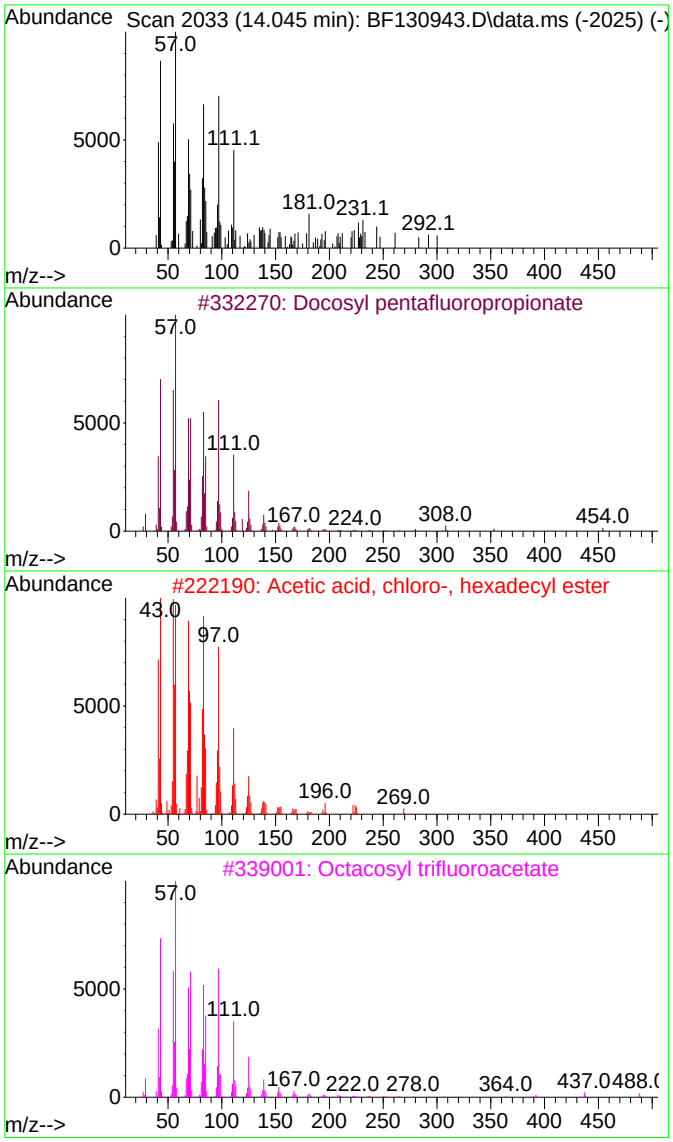
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

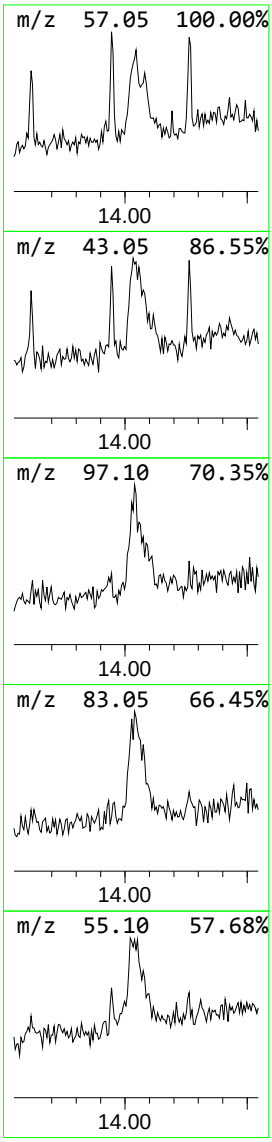
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Docosyl pentafluoropropionate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.045	5.17 ng	123498	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	74
2	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	74
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	62
4	Cyclotetradecane	196	C14H28	000295-17-0	55
5	1-Heptacosanol	396	C27H56O	002004-39-9	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

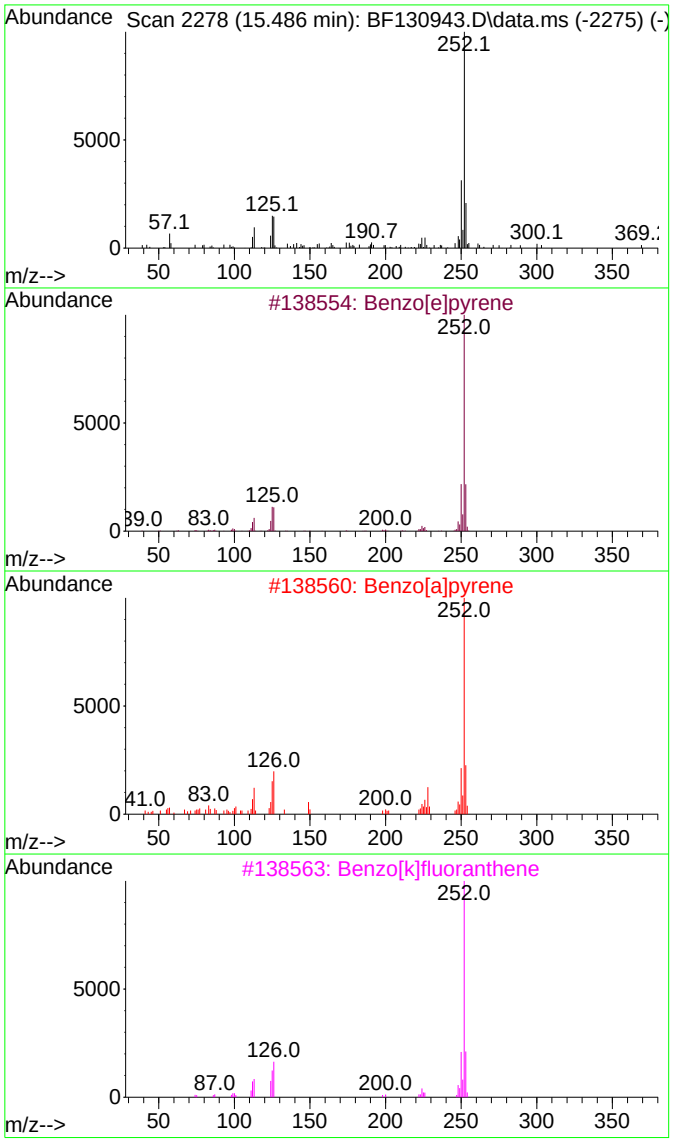
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

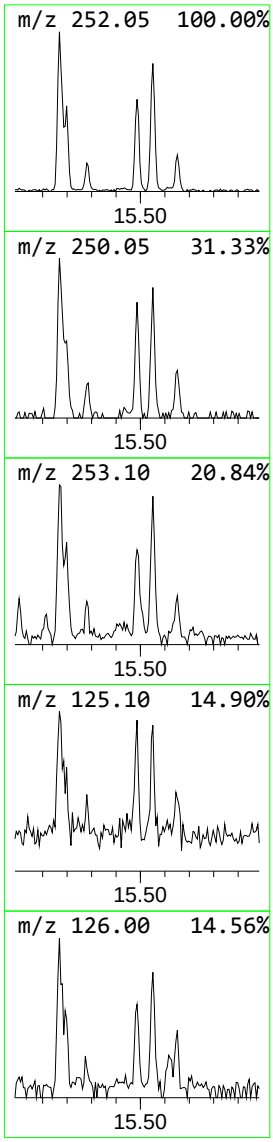
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	2.14 ng	44377	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.257	29.9	ng	609324	1	6.922	407066	20.0
2-Pentanone, 4-...	5.157	24.1	ng	490607	1	6.922	407066	20.0
Ethanol, 2-(2-b...	8.116	2.9	ng	69359	2	8.210	474849	20.0
n-Hexadecanoic ...	11.975	2.3	ng	41176	4	11.457	366499	20.0
Docosyl pentafl...	14.045	5.2	ng	123498	5	14.110	477824	20.0
Benzo[e]pyrene	15.486	2.1	ng	44377	6	15.621	414636	20.0