LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123503.D
Acq On : 29 Mar 2021 19:15
Operator : JU/CG
Sample : M1812-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123503.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	19	29	35	rVB	1578021	2167044	27.56%	3.838%
2	2.369	40	48	53	rBV	304727	379744	4.83%	0.673%
3	5.139	515	519	527	rVB	372560	506440	6.44%	0.897%
4	5.528	579	585	588	rBV	6337625	7142803	90.84%	12.650%
5	6.528	749	755	758	rBV	6044089	7532445	95.79%	13.340%
6	6.898	814	818	821	rBV	2172007	1683421	21.41%	2.981%
7	7.463	908	914	917	rBV	4585034	4807433	61.14%	8.514%
8	8.180	1031	1036	1040	rBV	2365935	2222137	28.26%	3.935%
9	9.263	1214	1220	1223	rBV	8299263	7863148	100.00%	13.925%
10	9.651	1282	1286	1290	rBV	163068	136183	1.73%	0.241%
11	9.939	1329	1335	1339	rBV	2661184	2546628	32.39%	4.510%
12	10.733	1464	1470	1473	rBV	5658035	5268052	67.00%	9.330%
13	11.433	1584	1589	1592	rBV	2889419	2503699	31.84%	4.434%
14	11.498	1594	1600	1602	rVV3	92264	94604	1.20%	0.168%
15	11.957	1671	1678	1687	rBV	510705	536906	6.83%	0.951%
16	13.027	1855	1860	1863	rBV	7624251	7133388	90.72%	12.633%
17	13.962	2009	2019	2034	rBV2	331806	950723	12.09%	1.684%
18	14.074	2034	2038	2042	rVV	1680204	1621617	20.62%	2.872%
19	15.574	2287	2293	2298	rBV	1081302	1369505	17.42%	2.425%

Sum of corrected areas: 56465920

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ClientSampleId :
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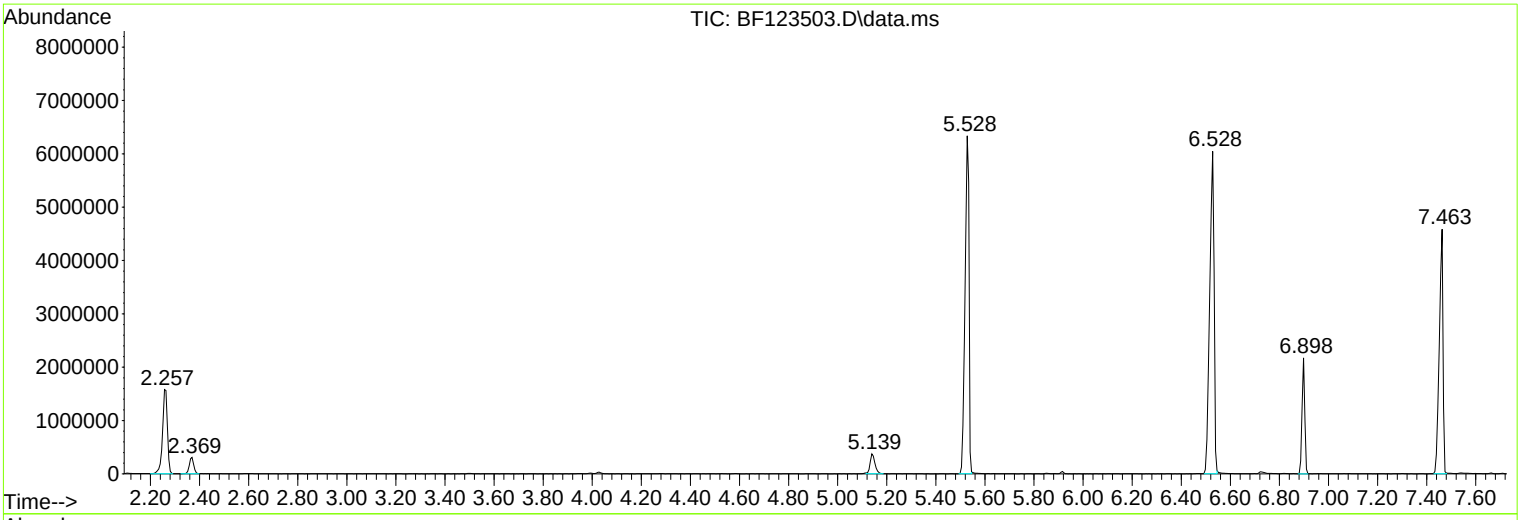
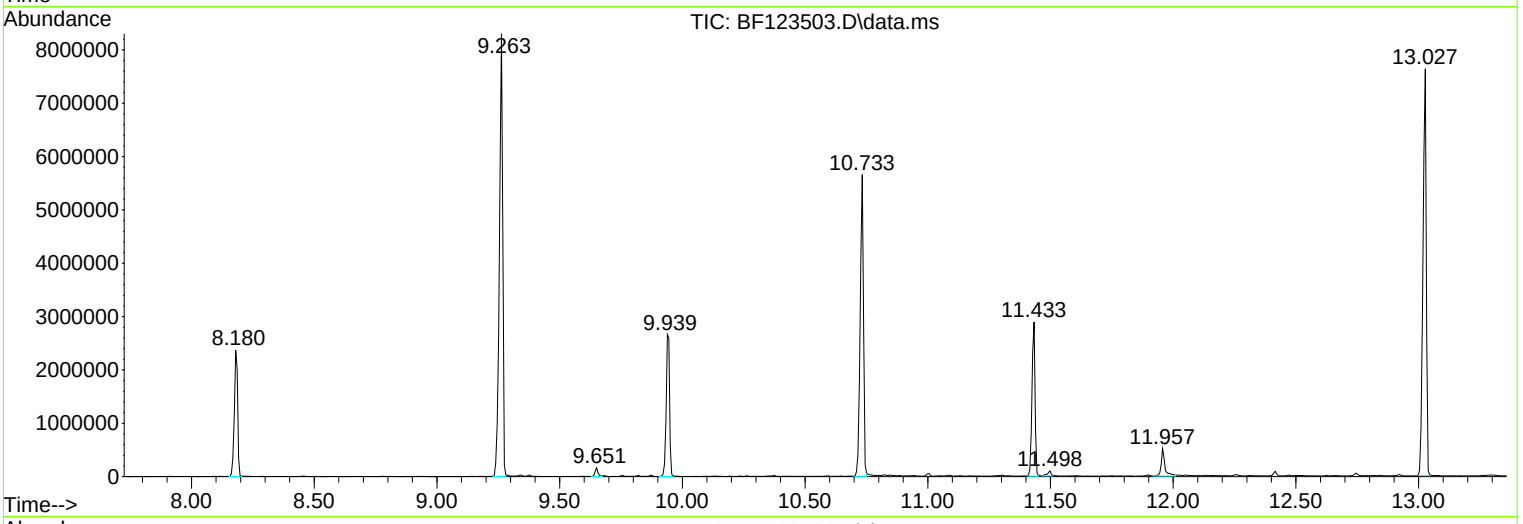
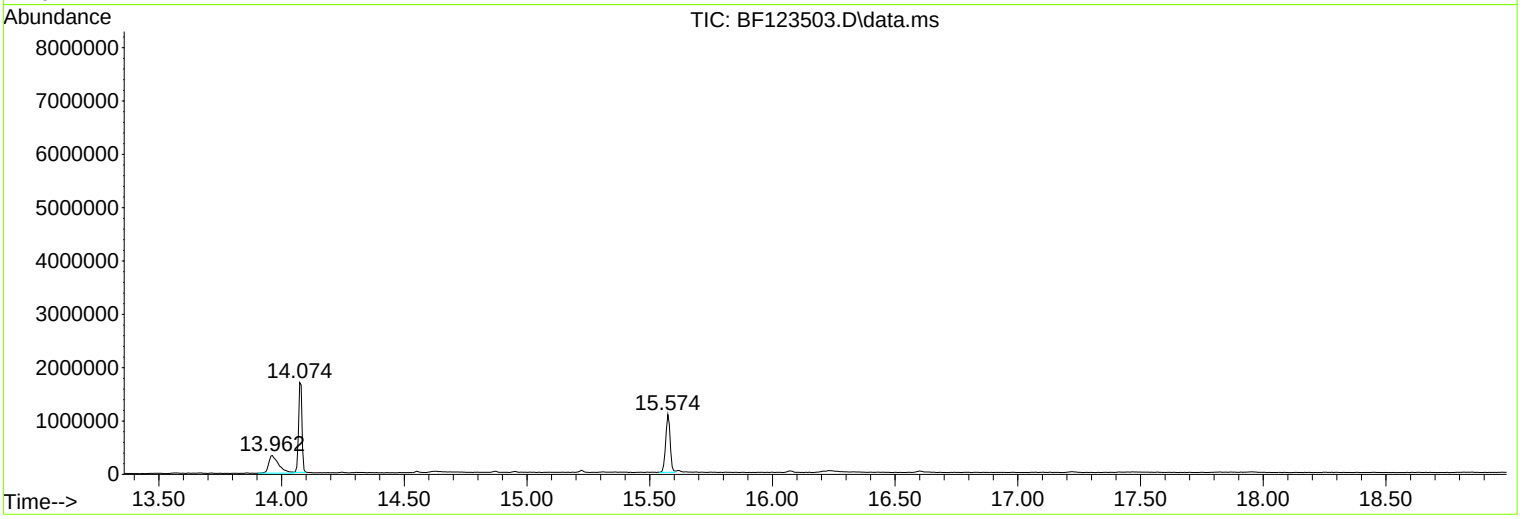
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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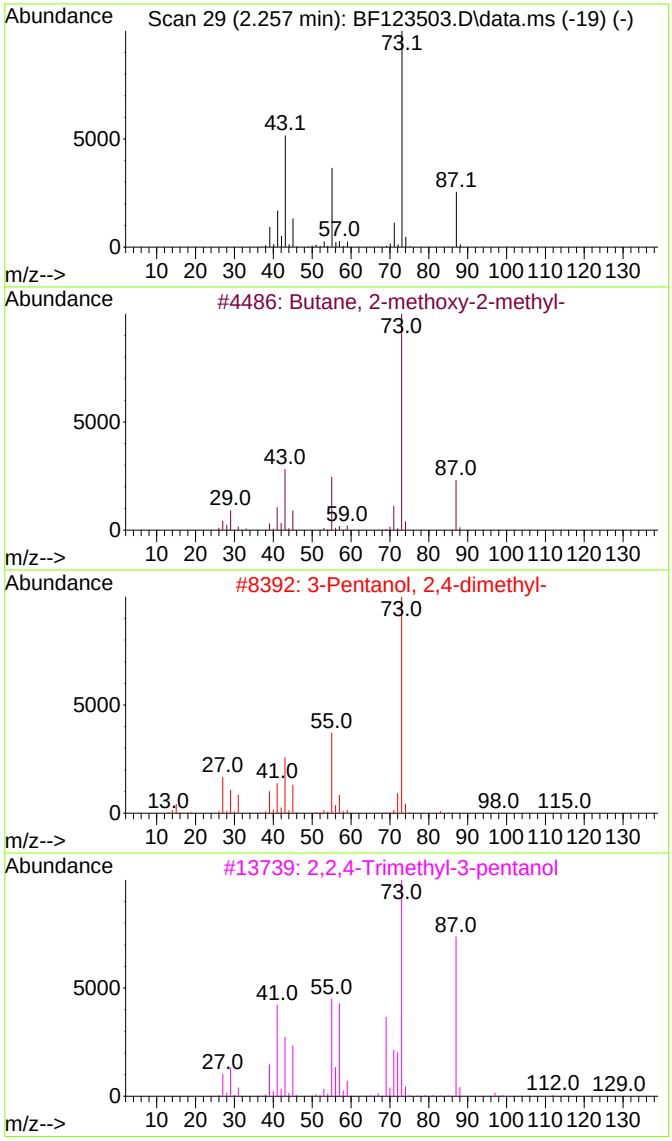
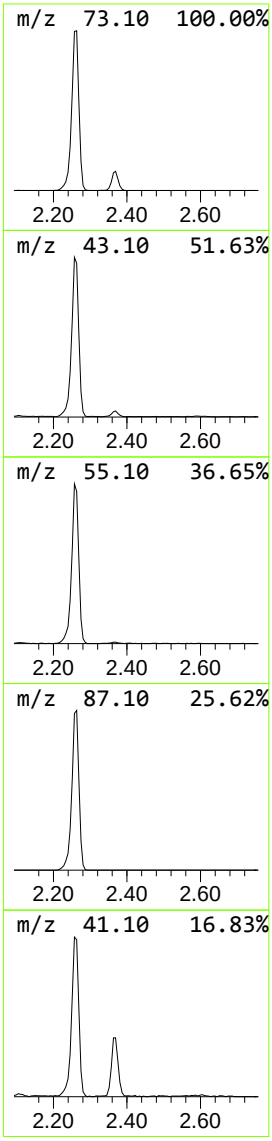
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	25.75 ng	2167040	1,4-Dichlorobenzene-d4	6.898

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





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Instrument : BNA_F
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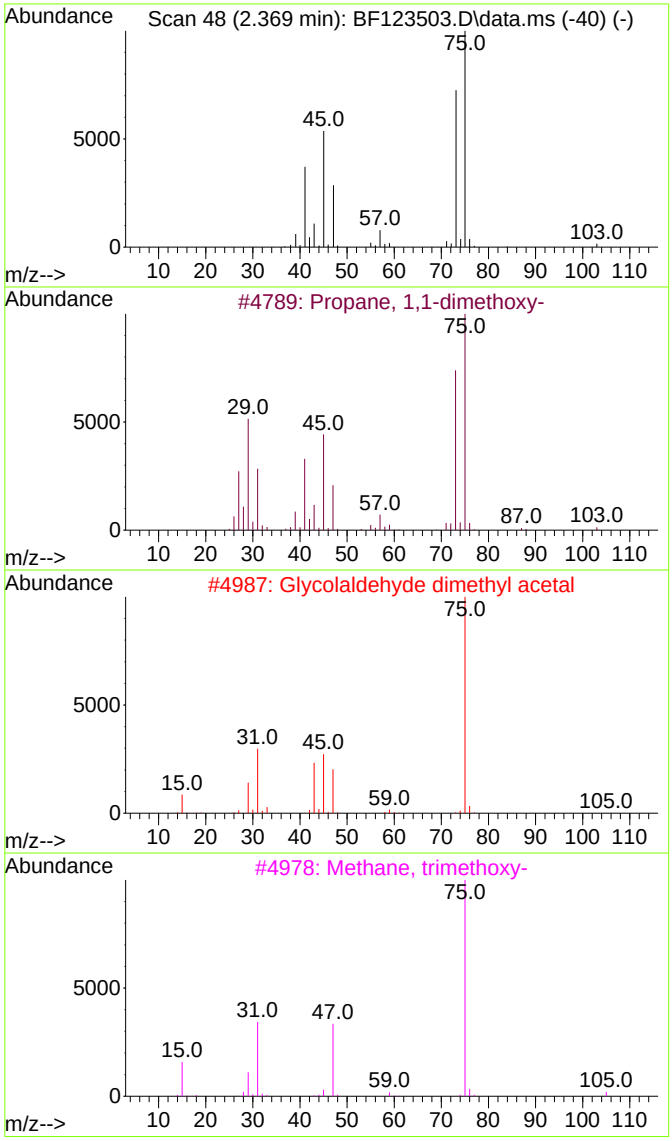
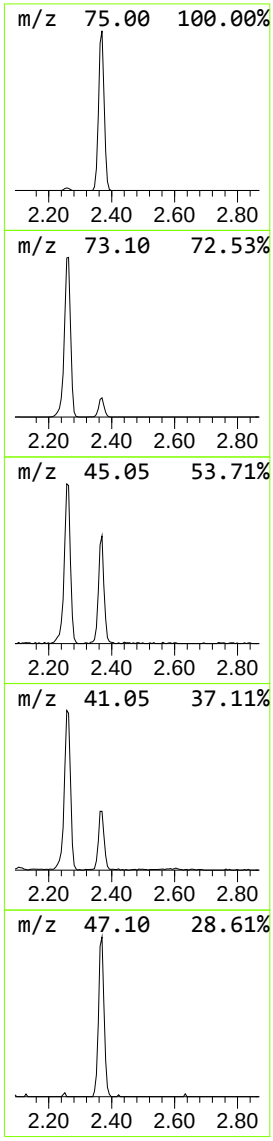
Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.369	4.51 ng	379744	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	45
3	Methane, trimethoxy-	106	C4H10O3	000149-73-5	40
4	Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	40
5	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	36





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BNA_F
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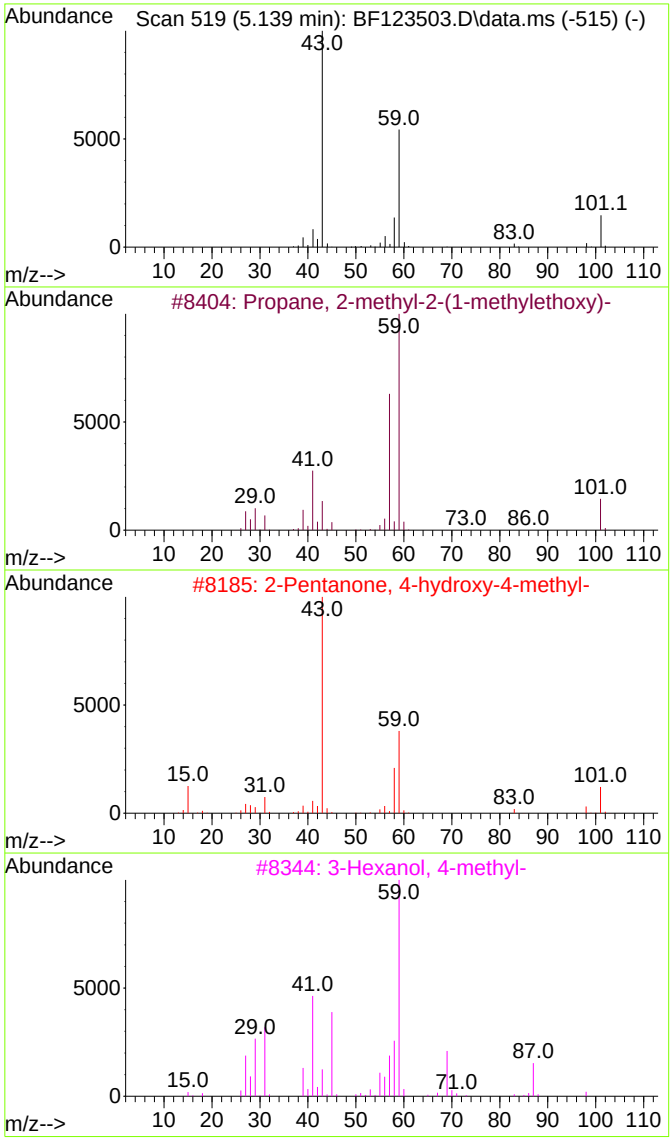
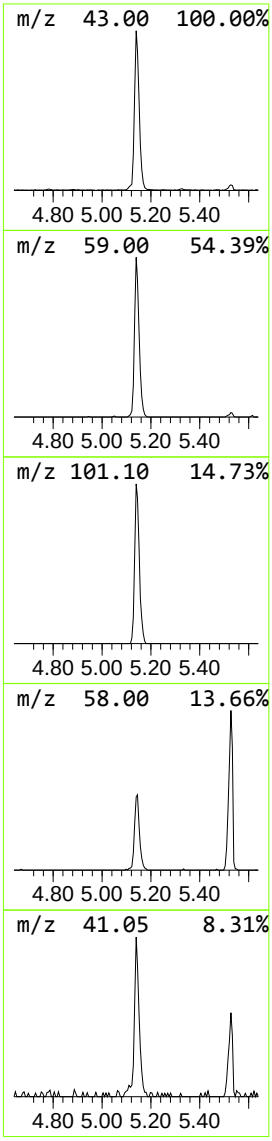
Peak Number 3 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.139	6.02 ng	506440	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	32
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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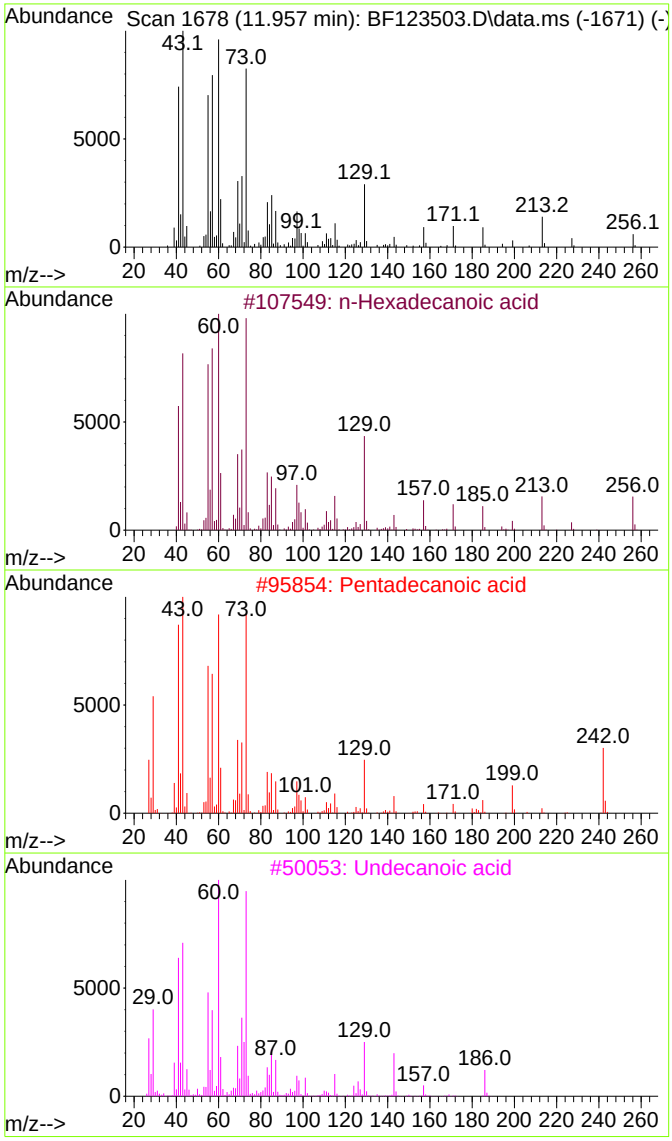
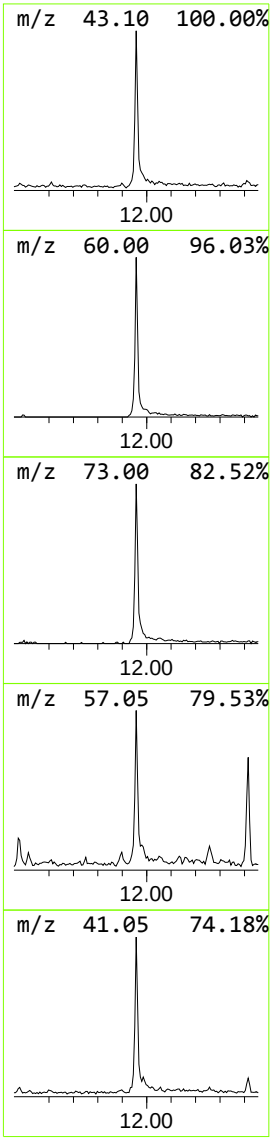
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	4.29 ng	536906	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
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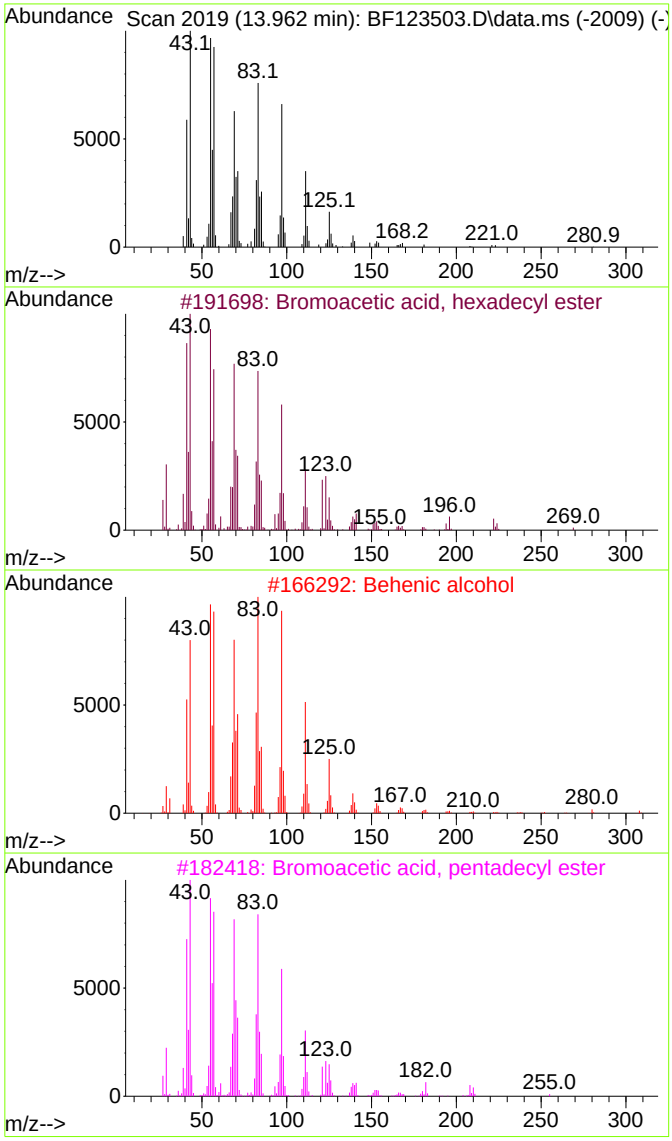
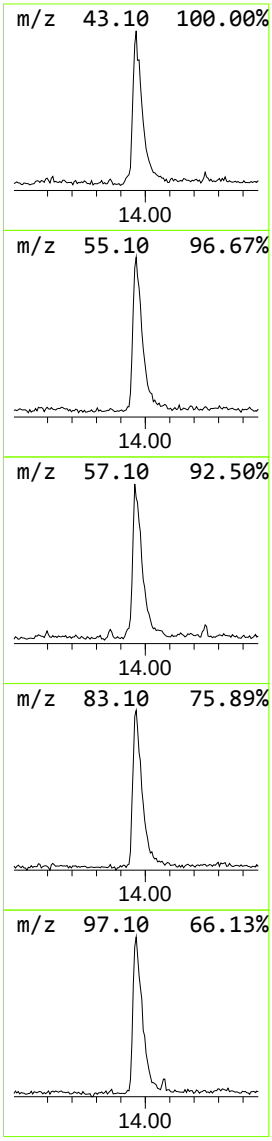
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bromoacetic acid, hexadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.962	11.73 ng	950723	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	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...	2.257	25.8	ng	2167040	1	6.898	1683420	20.0
Propane, 1,1-di...	2.369	4.5	ng	379744	1	6.898	1683420	20.0
Propane, 2-meth...	5.139	6.0	ng	506440	1	6.898	1683420	20.0
n-Hexadecanoic ...	11.957	4.3	ng	536906	4	11.433	2503700	20.0
Bromoacetic aci...	13.962	11.7	ng	950723	5	14.080	1621620	20.0