LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131349.D
Acq On : 23 Nov 2022 01:28
Operator : CG\JU
Sample : N5642-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LEFT-SIDE-FLATS-32

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131349.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.263	24	30	36	rBV	802419	1031302	42.58%	6.269%
2	5.187	522	527	533	rVB	293873	350244	14.46%	2.129%
3	5.575	587	593	596	rBV	2147438	2258239	93.24%	13.726%
4	6.575	758	763	766	rBV	2033846	2271961	93.81%	13.810%
5	6.963	825	829	832	rBV	735105	557950	23.04%	3.391%
6	7.528	920	925	928	rBV	1590692	1448740	59.82%	8.806%
7	8.251	1044	1048	1052	rBV	860983	689900	28.48%	4.193%
8	9.333	1227	1232	1235	rBV	2981155	2422001	100.00%	14.722%
9	10.016	1344	1348	1351	rBV	967307	733694	30.29%	4.460%
10	10.733	1466	1470	1476	rVB	33533	28633	1.18%	0.174%
11	10.804	1478	1482	1486	rBV	1370840	1270150	52.44%	7.720%
12	11.510	1599	1602	1605	rBV	761567	600758	24.80%	3.652%
13	12.027	1685	1690	1695	rBV	66094	67512	2.79%	0.410%
14	12.727	1806	1809	1813	rBV	34617	29079	1.20%	0.177%
15	12.962	1844	1849	1853	rVB	27775	29382	1.21%	0.179%
16	13.104	1869	1873	1877	rBV	1629449	1578058	65.16%	9.592%
17	14.121	2033	2046	2047	rBV7	18607	51686	2.13%	0.314%
18	14.168	2047	2054	2057	rVV	562537	508021	20.98%	3.088%
19	15.709	2310	2316	2320	rBV	409244	524472	21.65%	3.188%

Sum of corrected areas: 16451782

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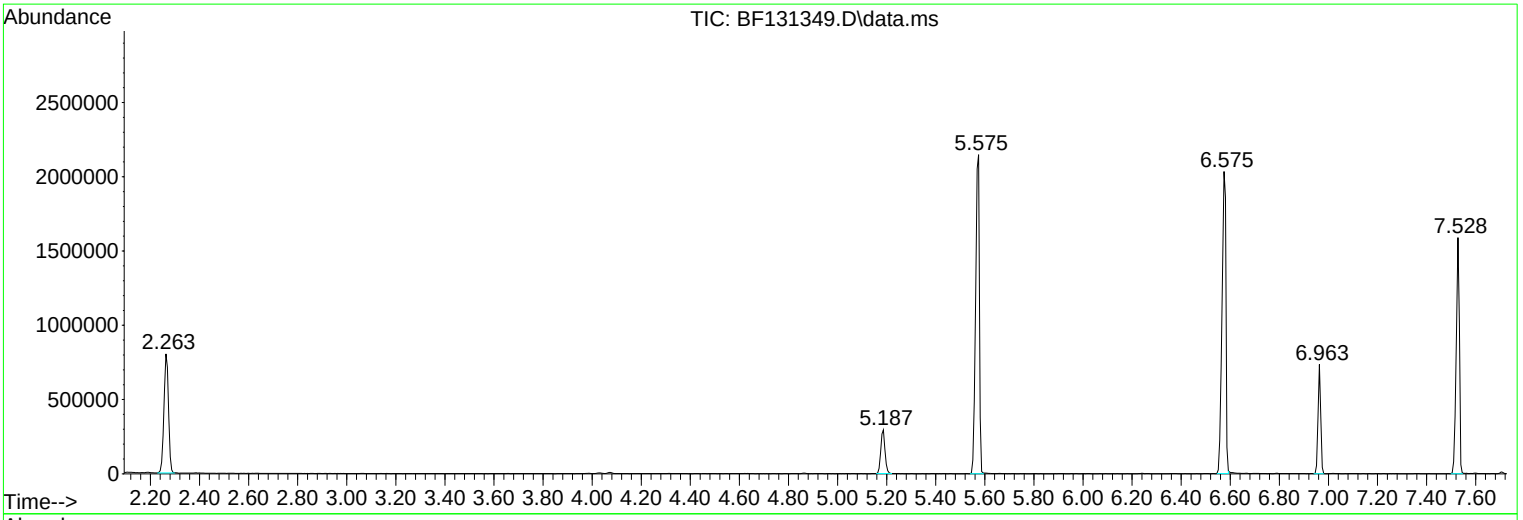
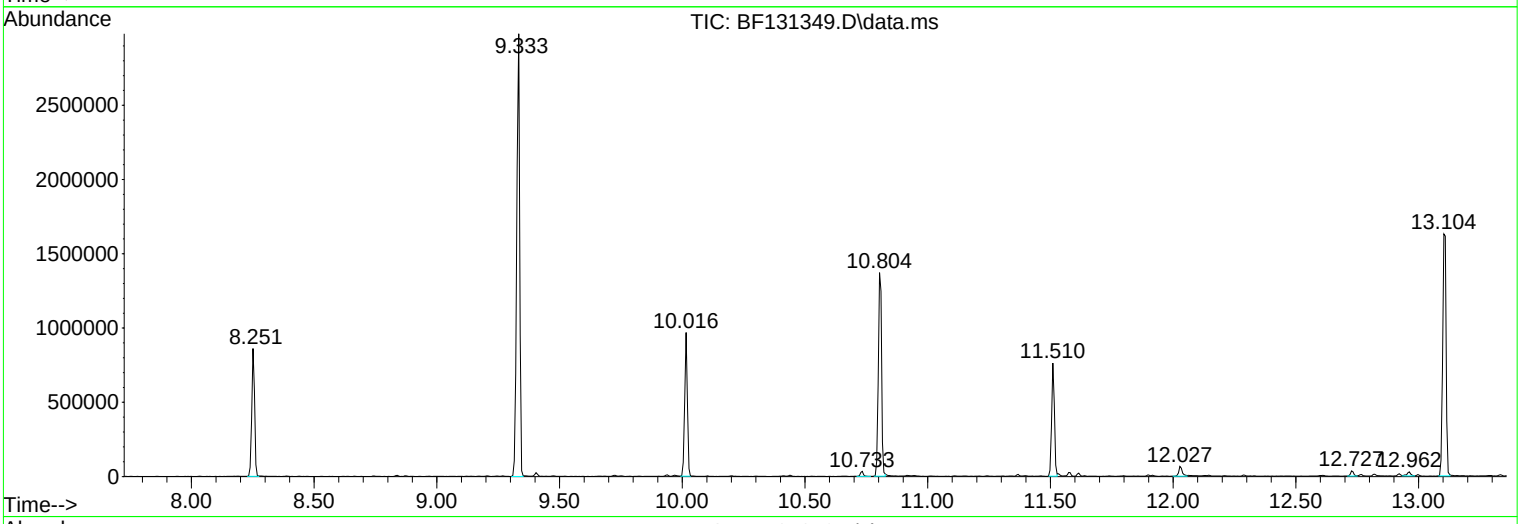
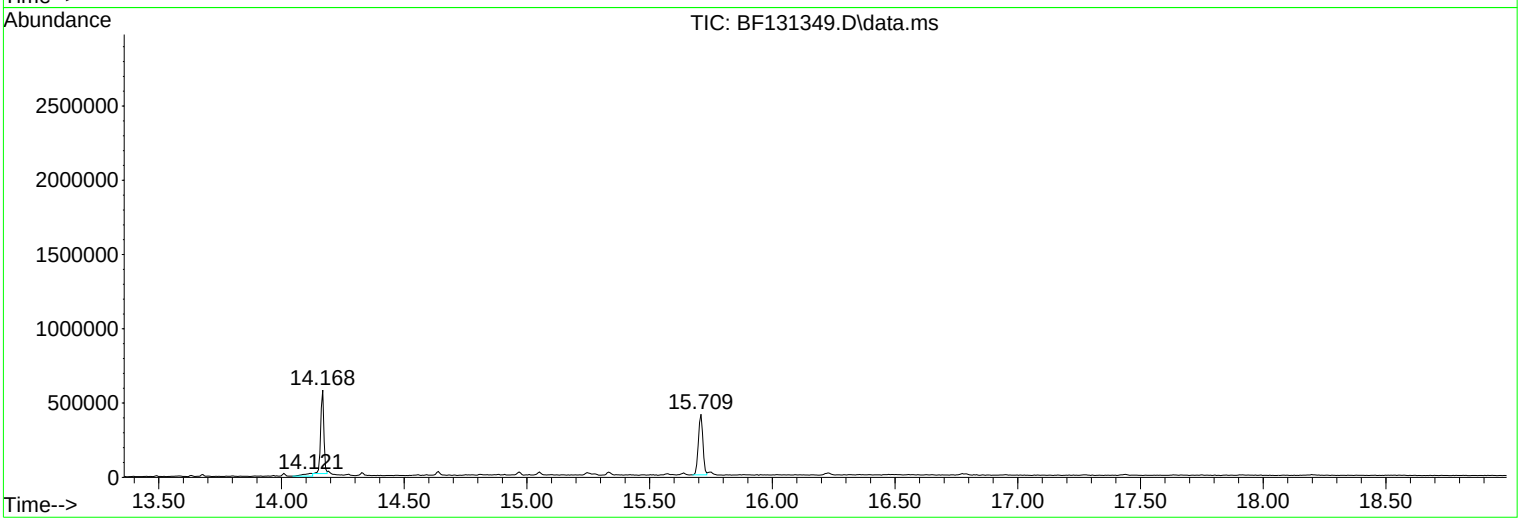
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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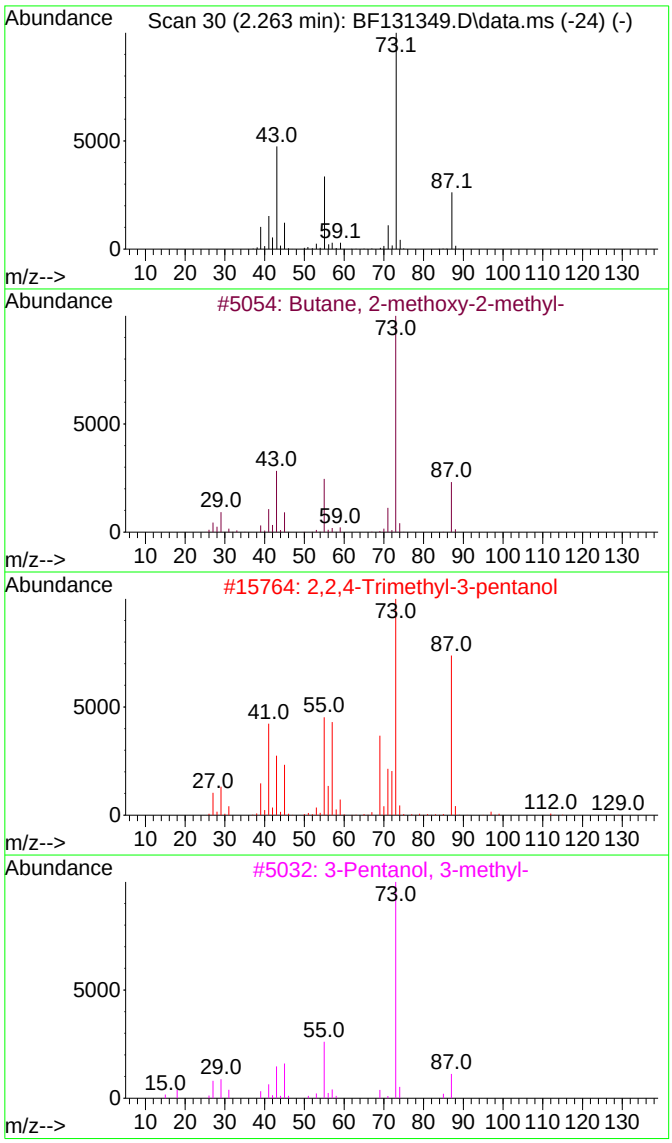
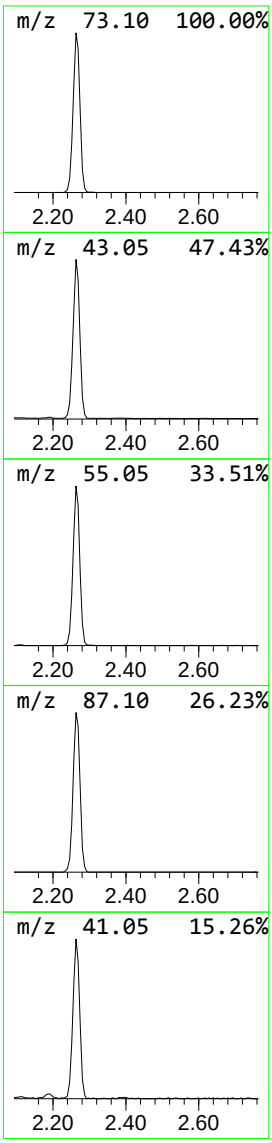
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.263	36.97 ng	1031300	1,4-Dichlorobenzene-d4	6.963

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





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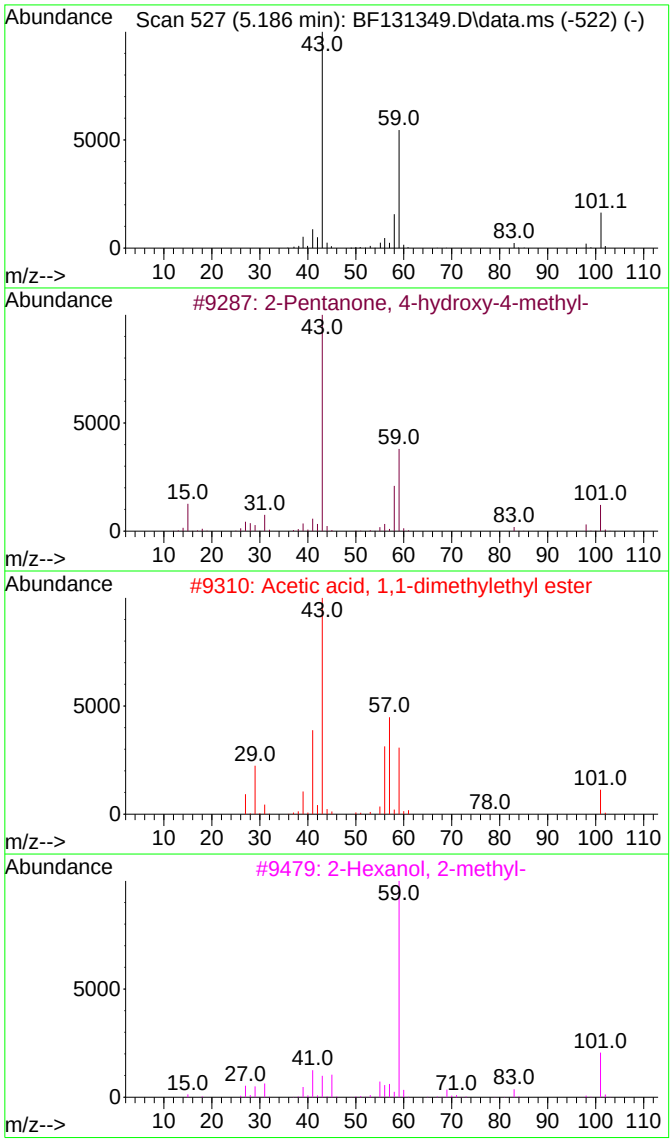
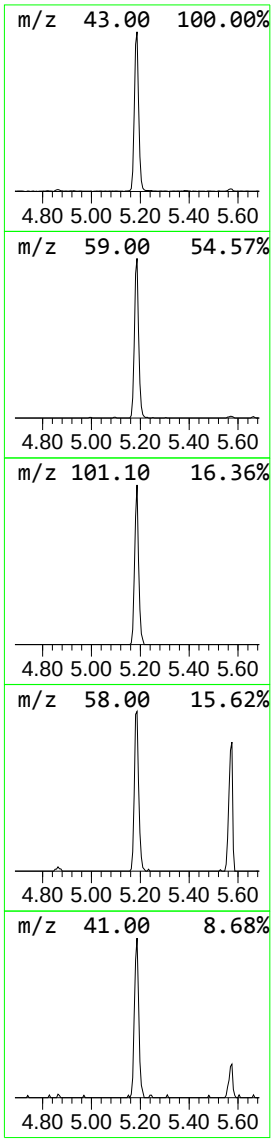
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.186	12.55 ng	350244	1,4-Dichlorobenzene-d4	6.963

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetone	58	C3H6O	000067-64-1	12





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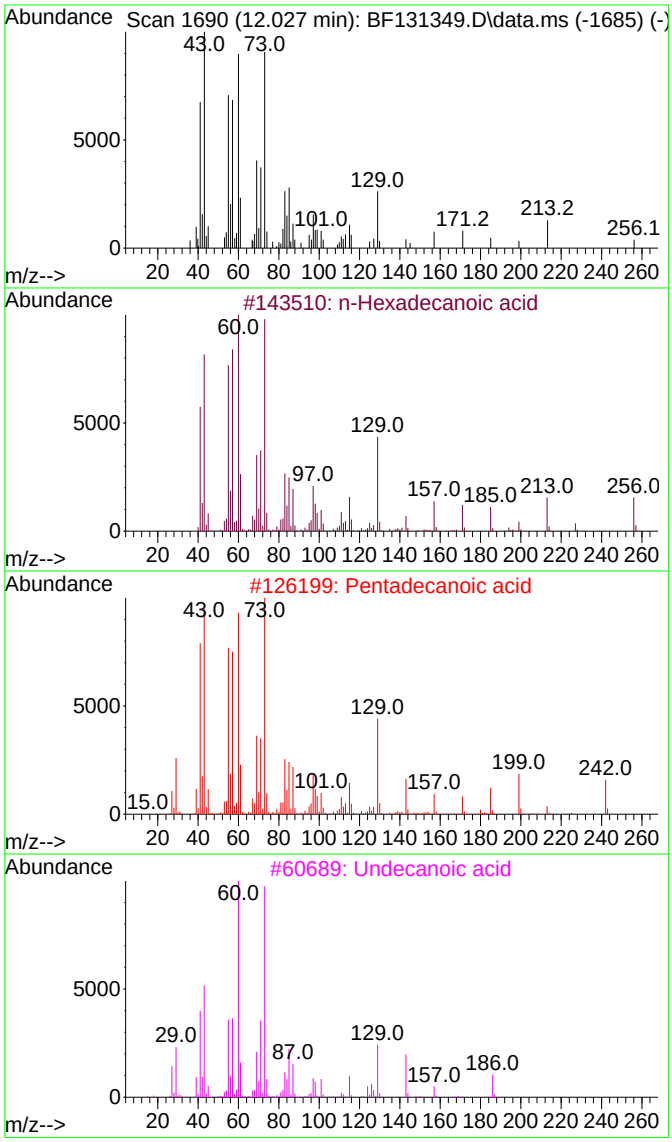
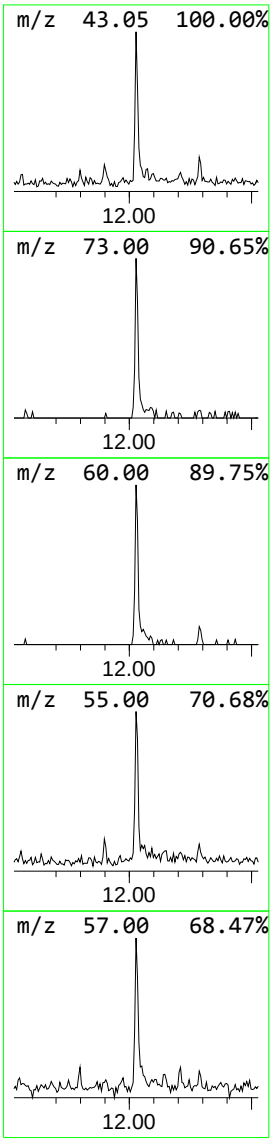
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	2.25 ng	67512	Phenanthrene-d10	11.510

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	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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...	2.263	37.0	ng	1031300	1	6.963	557950	20.0
2-Pentanone, 4-...	5.186	12.6	ng	350244	1	6.963	557950	20.0
n-Hexadecanoic ...	12.027	2.3	ng	67512	4	11.510	600758	20.0