LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
Data File : BF124494.D
Acq On : 30 Jun 2021 15:55
Operator : JU/CG
Sample : M2895-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-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-BF062321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124494.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.887	474	476	482	rBV2	27751	34929	2.60%	0.499%
2	5.316	546	549	562	rBV	592335	667269	49.69%	9.531%
3	6.345	721	724	738	rBV	725174	654604	48.74%	9.350%
4	6.692	780	783	790	rBB	214517	196754	14.65%	2.810%
5	7.257	876	879	885	rBV	524483	438086	32.62%	6.257%
6	7.892	984	987	993	rBV3	13817	20812	1.55%	0.297%
7	7.975	997	1001	1005	rBV	302866	260523	19.40%	3.721%
8	9.051	1180	1184	1187	rBV	1221982	956292	71.21%	13.659%
9	9.727	1295	1299	1302	rBV	358379	316214	23.55%	4.517%
10	10.516	1430	1433	1440	rBV	792486	638432	47.54%	9.119%
11	11.210	1548	1551	1557	rBV	429212	367786	27.39%	5.253%
12	11.745	1637	1642	1651	rBV4	95389	133128	9.91%	1.902%
13	12.533	1770	1776	1780	rBV2	37998	47856	3.56%	0.684%
14	12.798	1816	1821	1825	rBV	1412879	1342942	100.00%	19.182%
15	13.374	1913	1919	1922	rVB5	8286	16052	1.20%	0.229%
16	13.515	1940	1943	1948	rVB5	9850	17472	1.30%	0.250%
17	13.721	1968	1978	1992	rBV10	46126	126892	9.45%	1.812%
18	13.857	1998	2001	2006	rBV	395921	330372	24.60%	4.719%
19	14.321	2077	2080	2084	rBV2	21794	17200	1.28%	0.246%
20	14.380	2084	2090	2093	rBV6	16188	32597	2.43%	0.466%
21	14.621	2127	2131	2134	rVB3	17178	16062	1.20%	0.229%
22	14.839	2163	2168	2171	rBV5	13209	25391	1.89%	0.363%
23	14.933	2181	2184	2189	rVB5	14969	19969	1.49%	0.285%
24	15.086	2204	2210	2216	rVB7	7696	16336	1.22%	0.233%
25	15.286	2240	2244	2254	rBV	209058	271249	20.20%	3.874%
26	15.451	2266	2272	2274	rBV6	13298	20812	1.55%	0.297%
27	15.698	2310	2314	2319	rVB5	9548	15144	1.13%	0.216%

Sum of corrected areas: 7001175

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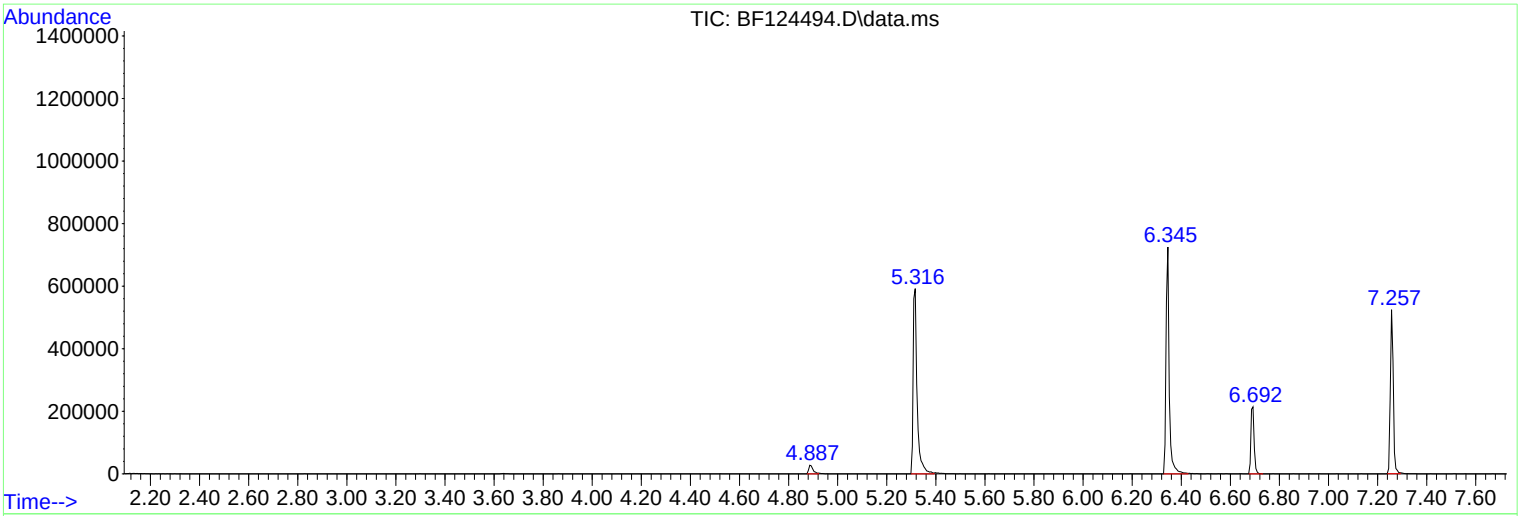
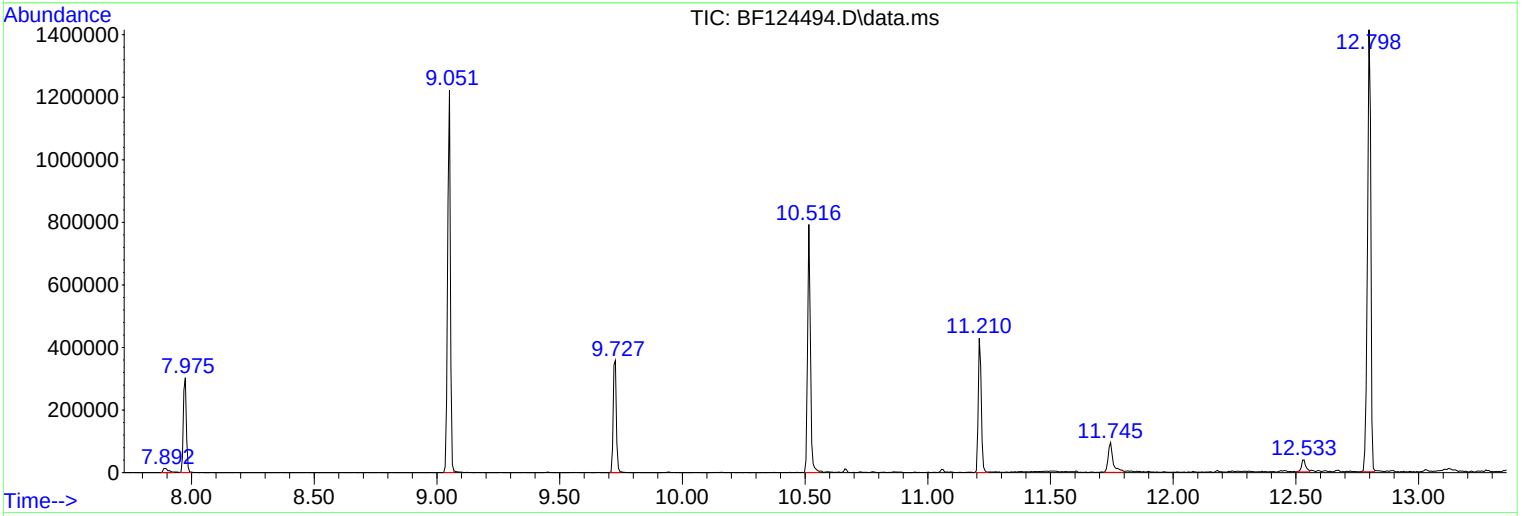
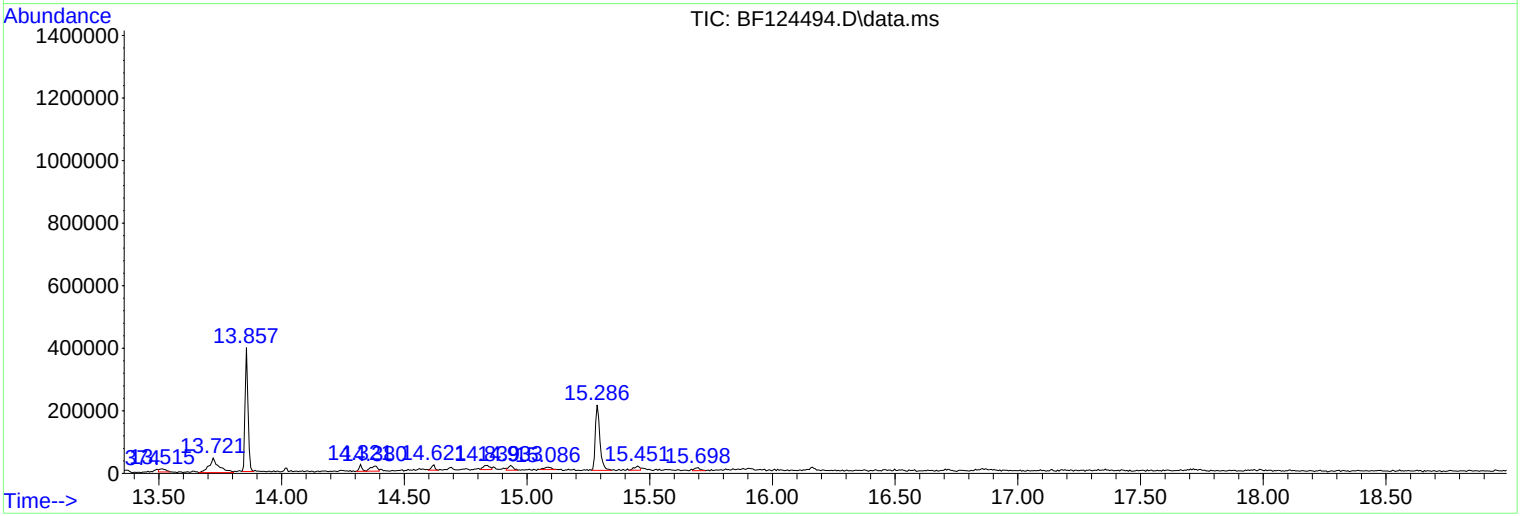
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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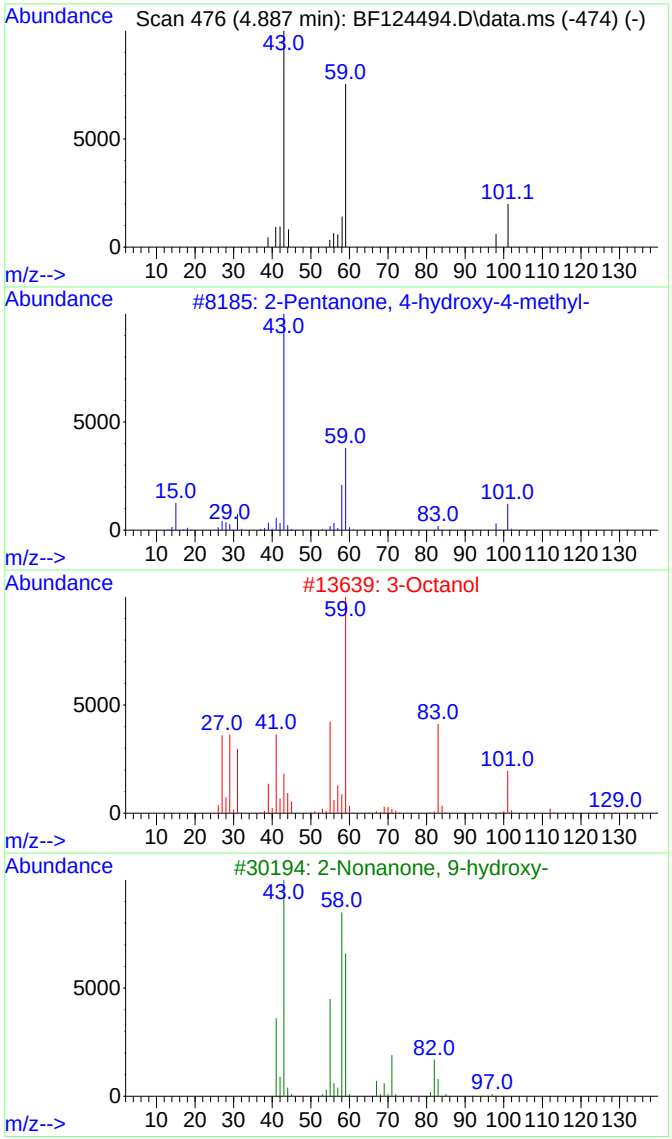
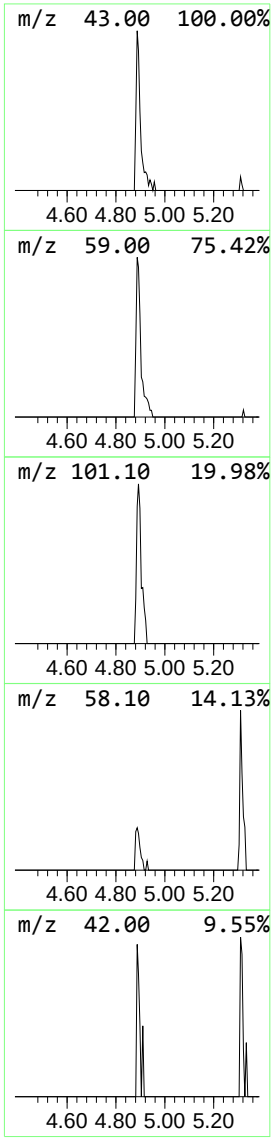
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	3.55 ng	34929	1,4-Dichlorobenzene-d4	6.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Octanol	130	C8H18O	000589-98-0	38
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	38
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	33
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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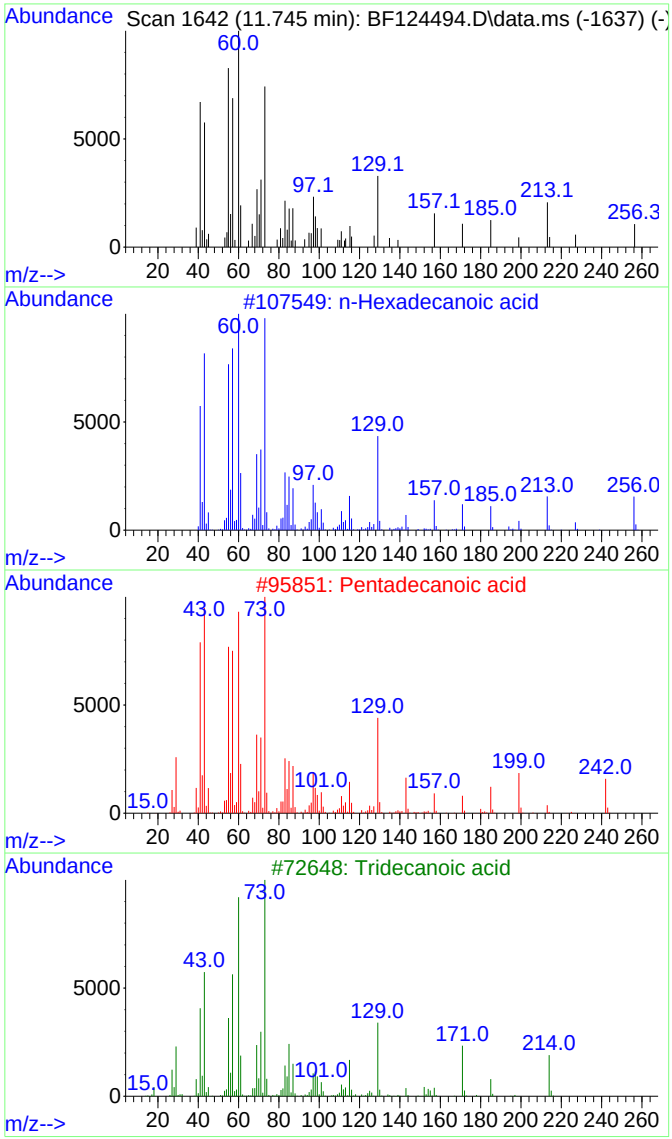
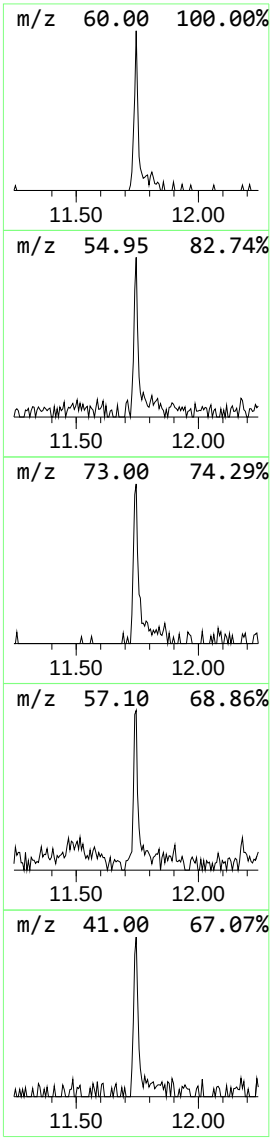
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	7.24 ng	133128	Phenanthrene-d10	11.210

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	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





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Sample : M2895-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
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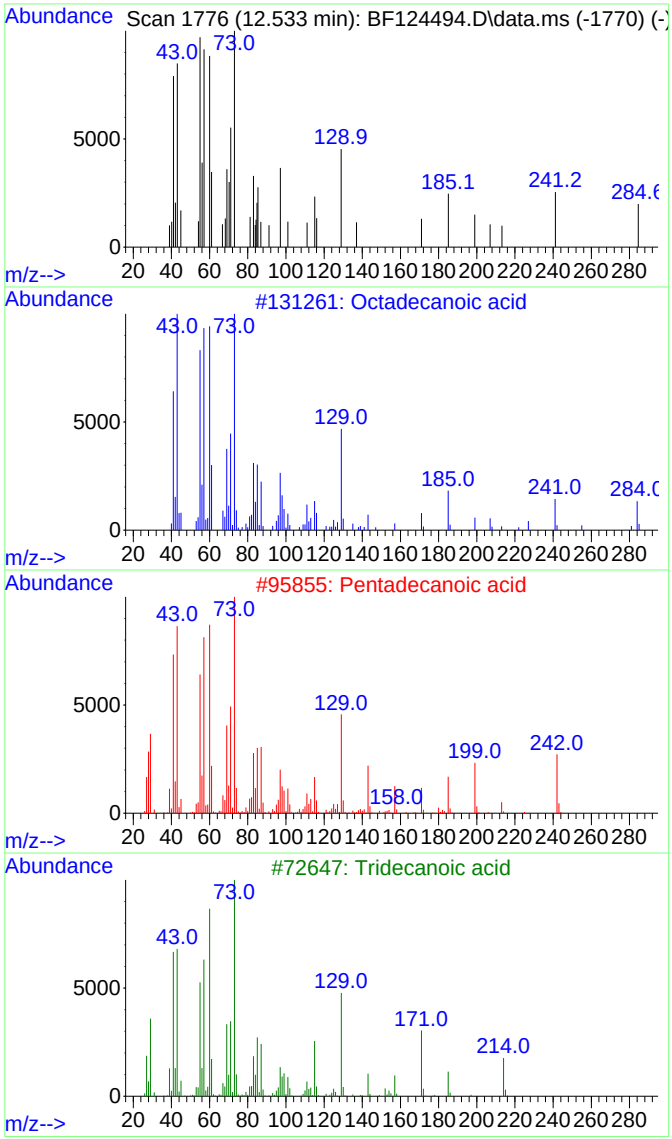
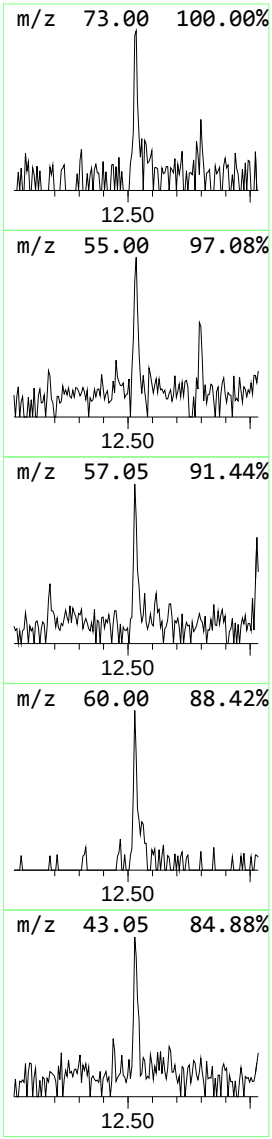
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	2.60 ng	47856	Phenanthrene-d10	11.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	D-erythro-Pentose, 2-deoxy-	134	C5H10O4	000533-67-5	27
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	25





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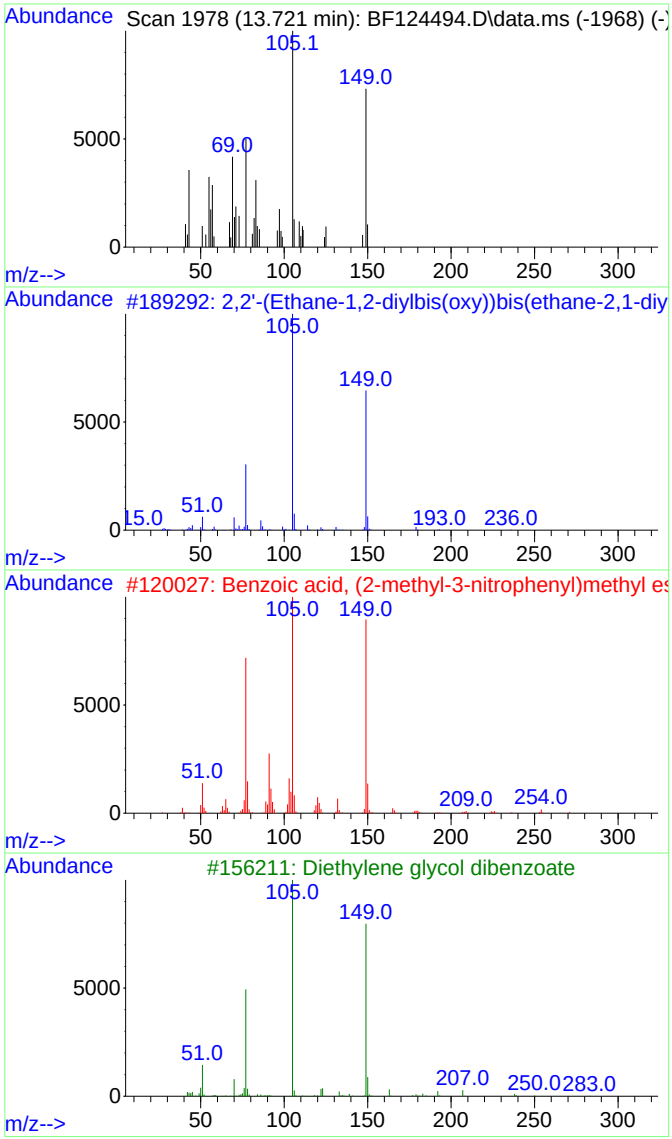
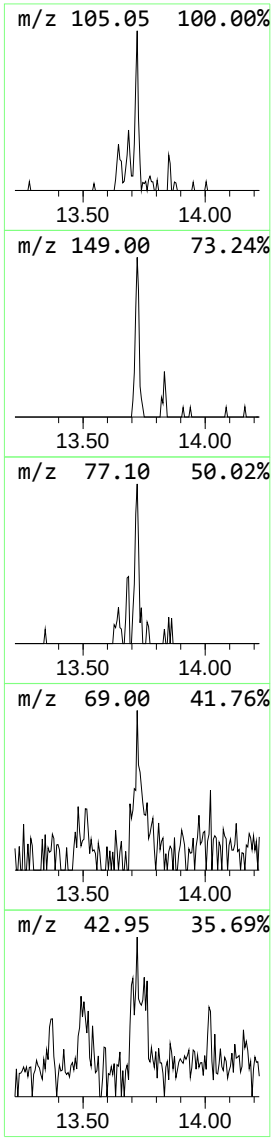
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	7.68 ng	126892	Chrysene-d12	13.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	59
2	Benzoic acid, (2-methyl-3-nitrop...	271	C15H13NO4	1000367-95-0	42
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	42
4	2-(2-(2-Ethoxyethoxy)ethoxy)ethy...	282	C15H22O5	1000366-98-8	38
5	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.887	3.5	ng	34929	1	6.692	196754	20.0
n-Hexadecanoic ...	11.745	7.2	ng	133128	4	11.210	367786	20.0
Octadecanoic acid	12.533	2.6	ng	47856	4	11.210	367786	20.0
2,2'-(Ethane-1,...	13.721	7.7	ng	126892	5	13.857	330372	20.0