LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123489.D
Acq On : 26 Mar 2021 16:42
Operator : JU/CG
Sample : M1770-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103I

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: BF123489.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	21	29	34	rVB	3624377	4637886	56.04%	9.044%
2	2.363	43	47	53	rVB	102970	133487	1.61%	0.260%
3	5.122	509	516	523	rBV	104994	122477	1.48%	0.239%
4	5.516	579	583	587	rBV	3609982	3313396	40.04%	6.462%
5	6.516	748	753	759	rBV	2489446	2325578	28.10%	4.535%
6	6.898	814	818	821	rBV	1858277	1523649	18.41%	2.971%
7	7.463	907	914	917	rBV	4537008	4838906	58.47%	9.437%
8	8.181	1031	1036	1040	rBV	2029271	2008433	24.27%	3.917%
9	8.575	1095	1103	1106	rBV	504963	576165	6.96%	1.124%
10	9.263	1214	1220	1223	rBV	8059299	8275418	100.00%	16.138%
11	9.757	1300	1304	1321	rBV3	224363	589363	7.12%	1.149%
12	9.945	1328	1336	1339	rBV	2453087	2300908	27.80%	4.487%
13	10.145	1366	1370	1376	rVB	390921	337231	4.08%	0.658%
14	10.733	1464	1470	1473	rBV	5637894	5700176	68.88%	11.116%
15	11.433	1583	1589	1592	rBV	2642047	2255224	27.25%	4.398%
16	11.957	1673	1678	1688	rBV2	444644	478647	5.78%	0.933%
17	12.416	1751	1756	1759	rBV	113596	100696	1.22%	0.196%
18	12.668	1796	1799	1809	rBV	91866	127626	1.54%	0.249%
19	12.745	1809	1812	1818	rBV	129848	134952	1.63%	0.263%
20	13.027	1853	1860	1863	rBV	7833737	7667802	92.66%	14.953%
21	13.874	1998	2004	2007	rBV	104720	151908	1.84%	0.296%
22	13.915	2007	2011	2013	rBV	134035	163643	1.98%	0.319%
23	13.945	2013	2016	2024	rVB2	428776	618423	7.47%	1.206%
24	14.080	2034	2039	2042	rBV	1847103	1582657	19.12%	3.086%
25	15.227	2230	2234	2239	rBV	66811	86218	1.04%	0.168%
26	15.580	2288	2294	2298	rBV	981233	1227656	14.83%	2.394%

Sum of corrected areas: 51278525

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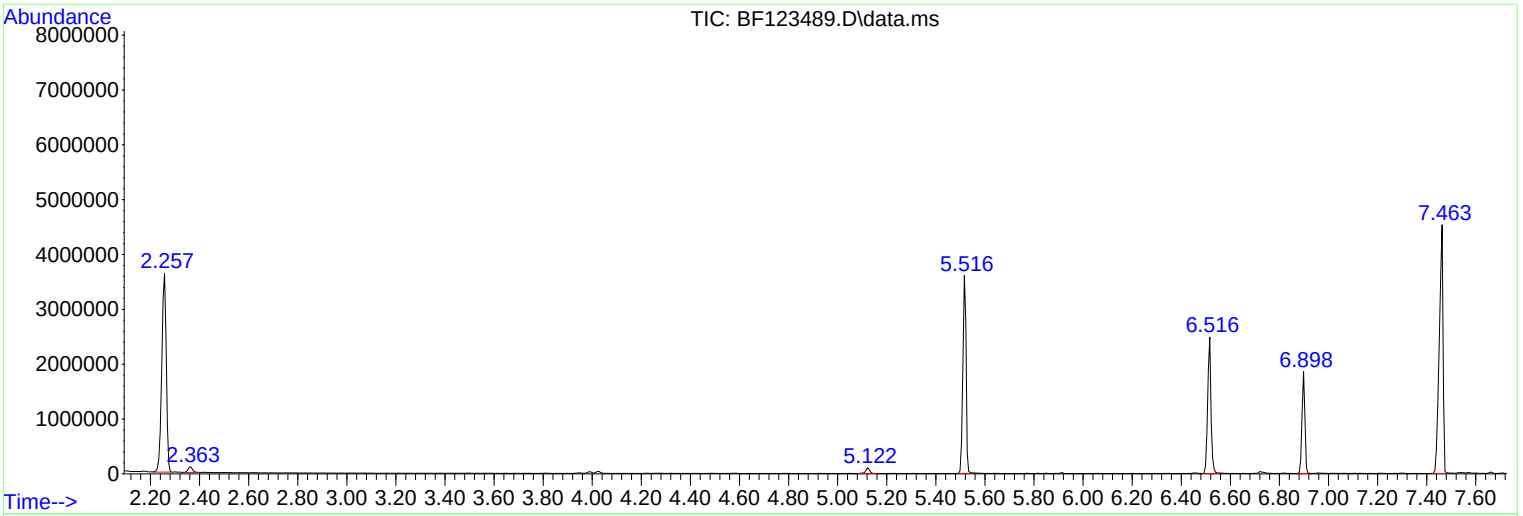
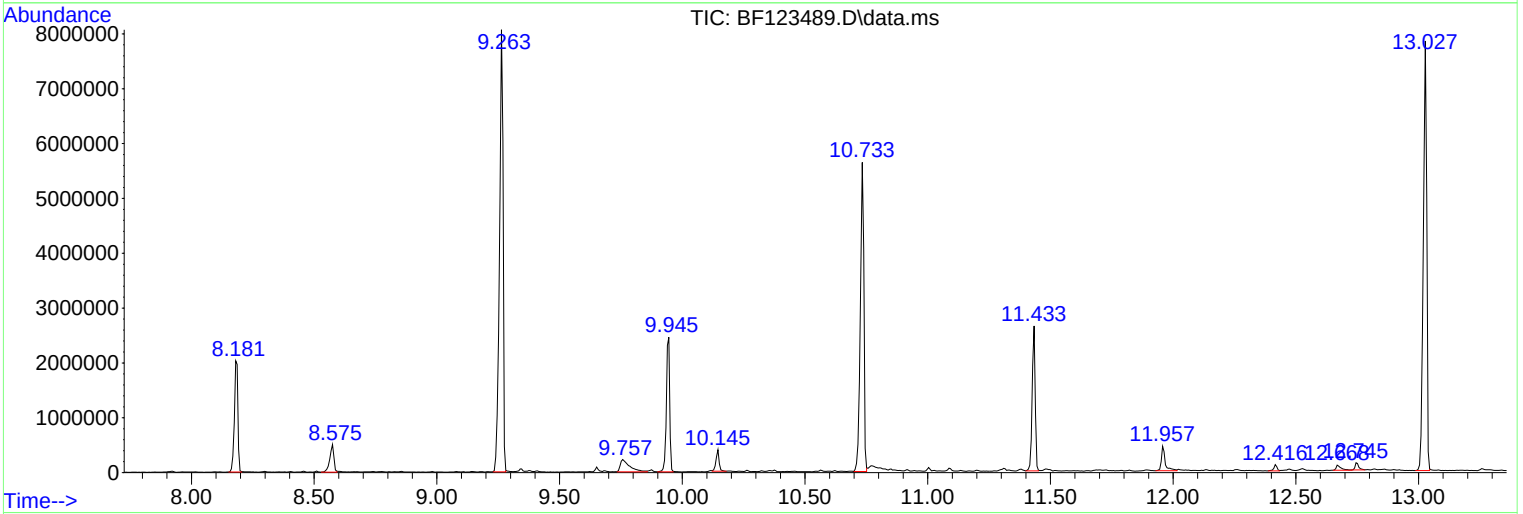
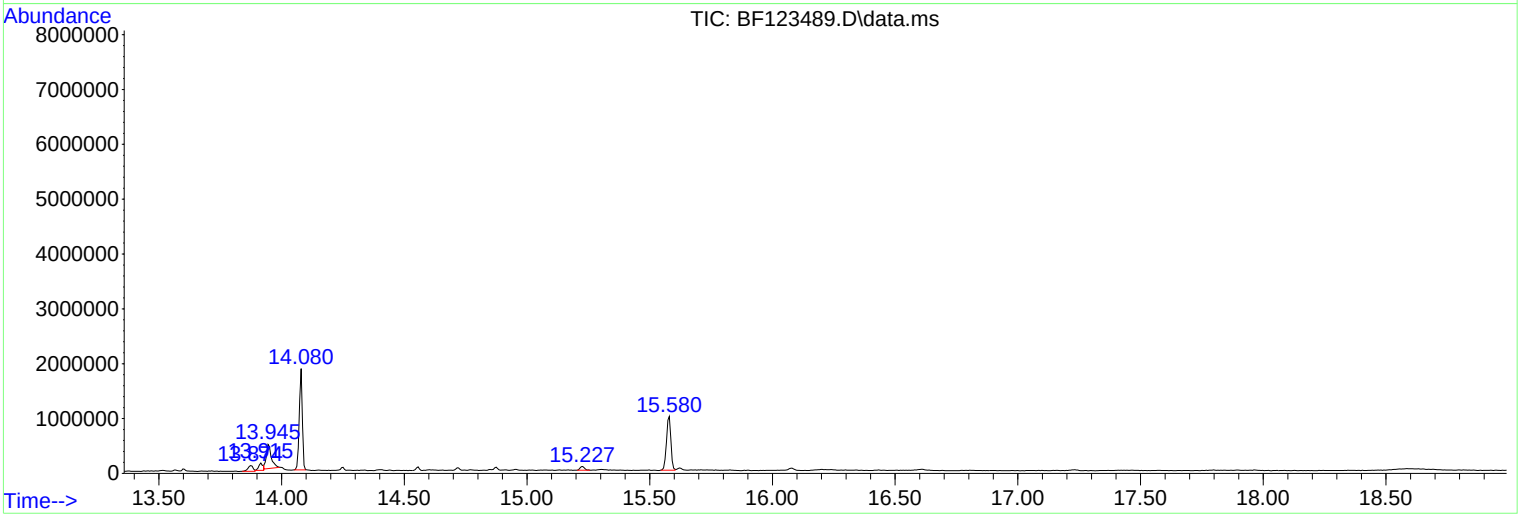
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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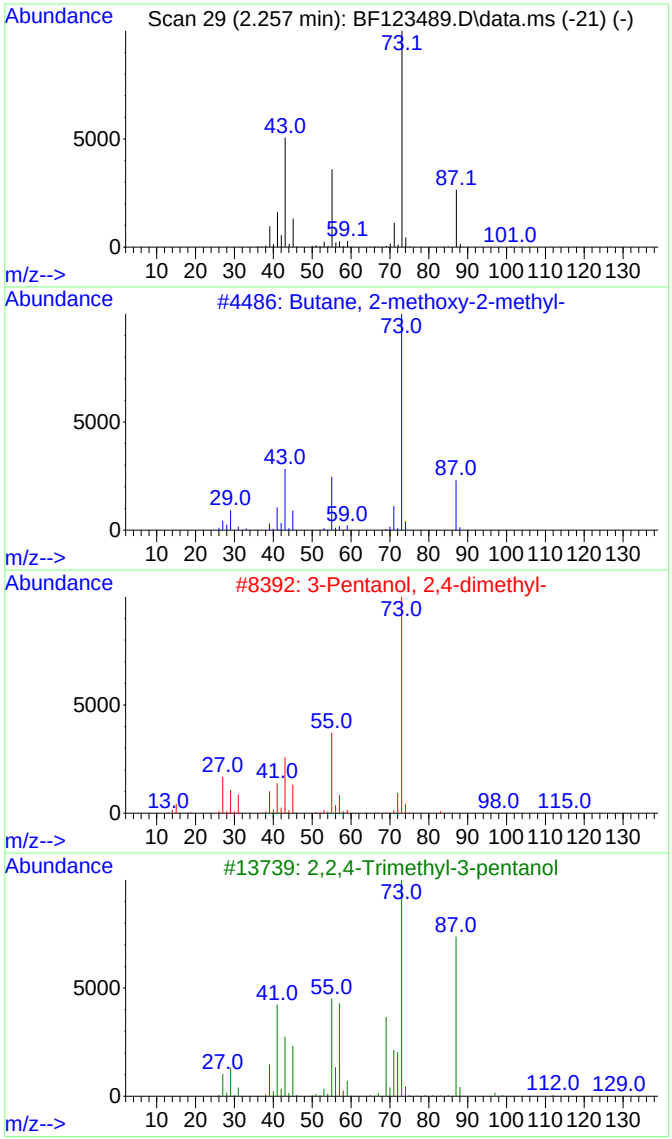
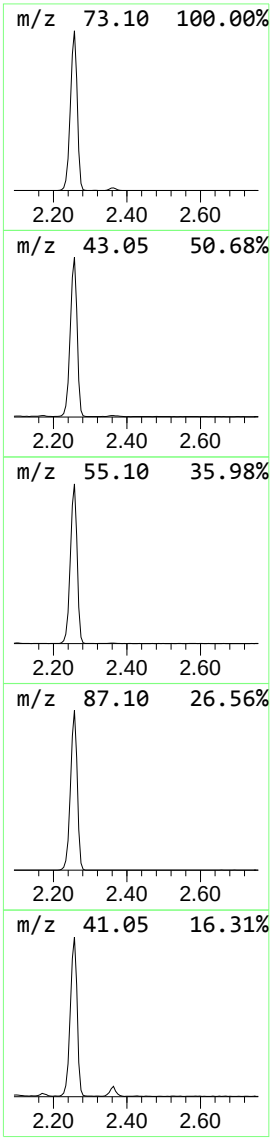
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	60.88 ng	4637890	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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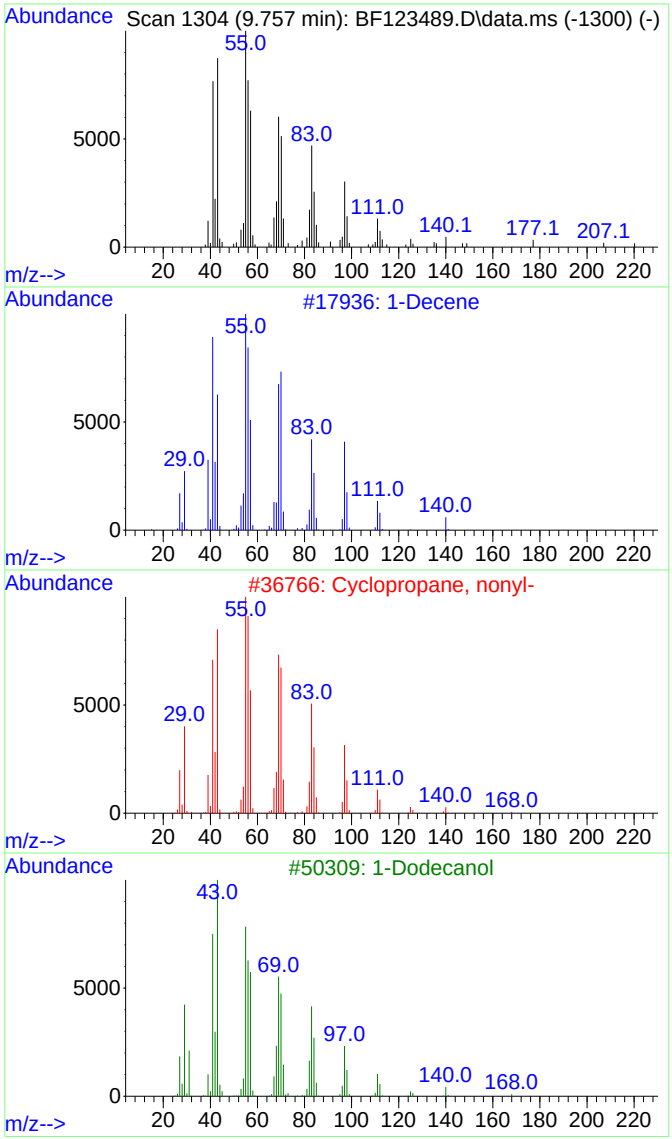
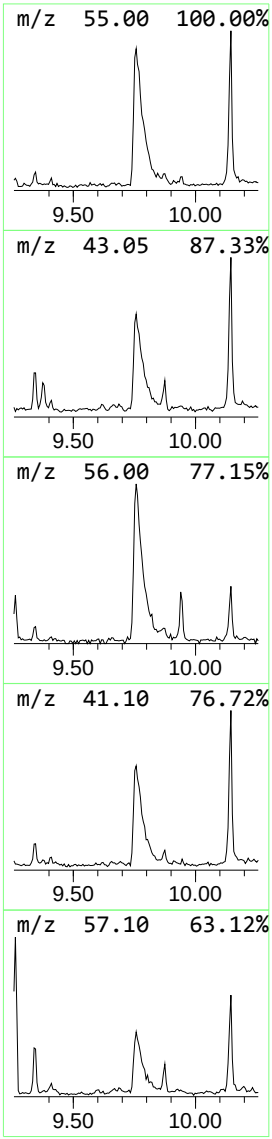
Peak Number 2 1-Decene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	5.12 ng	589363	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	96
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	91
3	1-Dodecanol	186	C12H26O	000112-53-8	91
4	5-Tetradecene, (E)-	196	C14H28	041446-66-6	87
5	3-Tetradecene, (E)-	196	C14H28	041446-68-8	86





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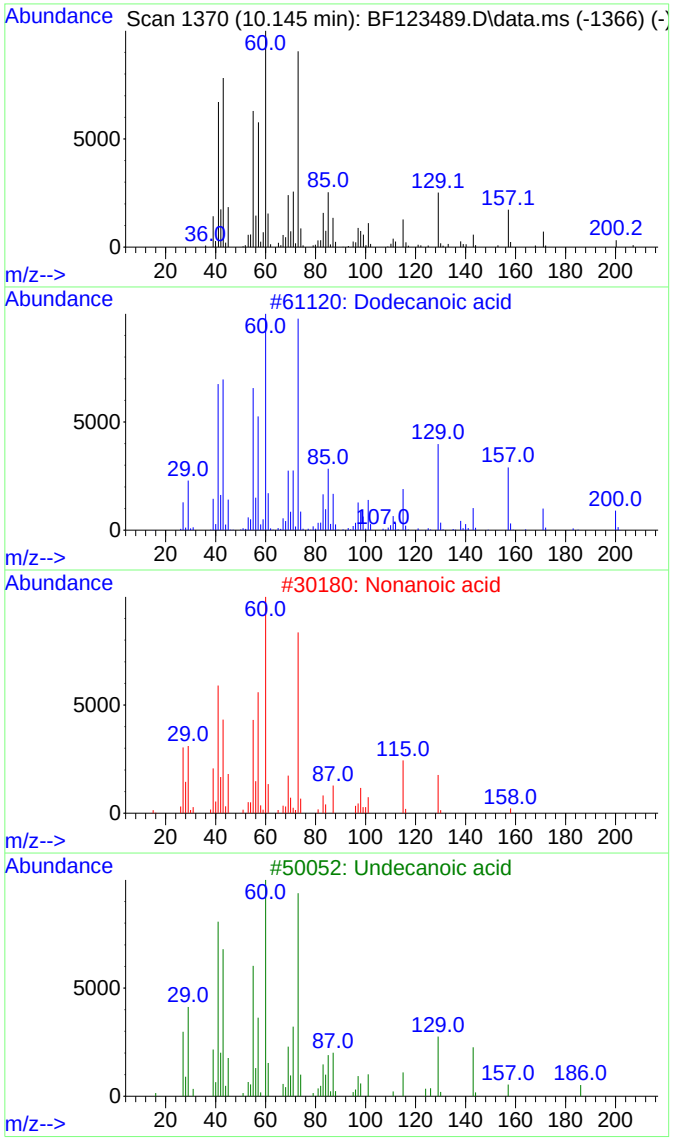
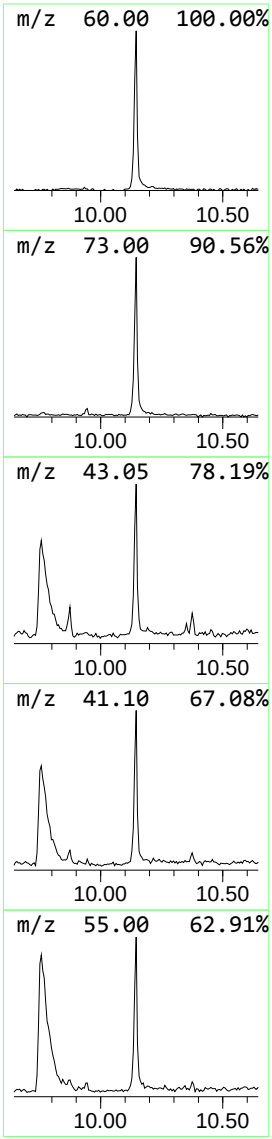
Peak Number 3 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	2.93 ng	337231	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Nonanoic acid	158	C9H18O2	000112-05-0	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
5	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	47





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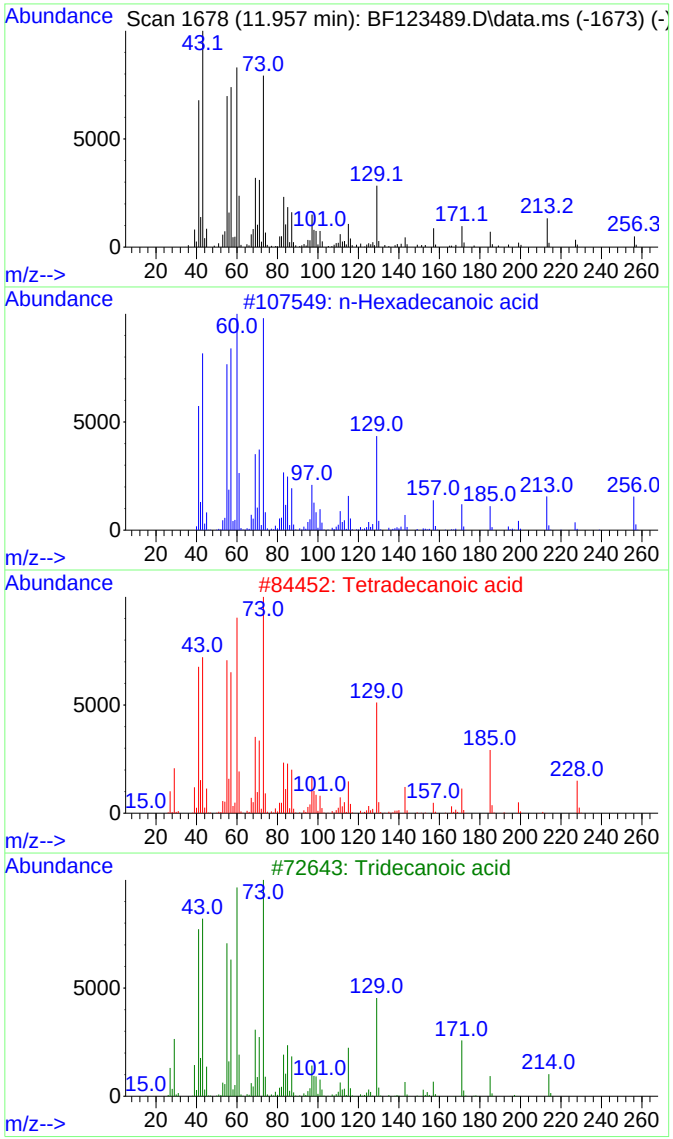
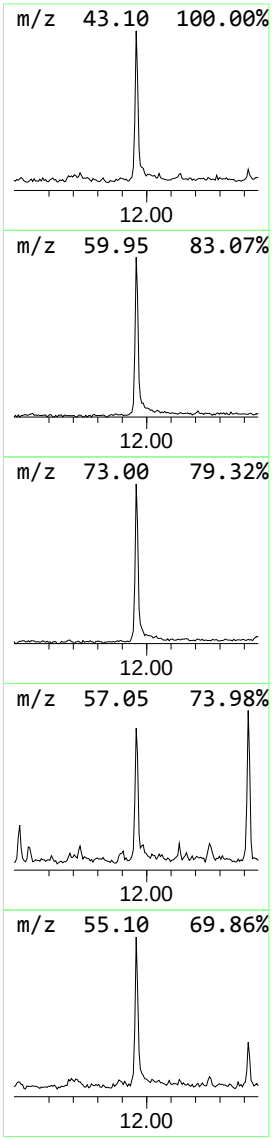
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	4.24 ng	478647	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76





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

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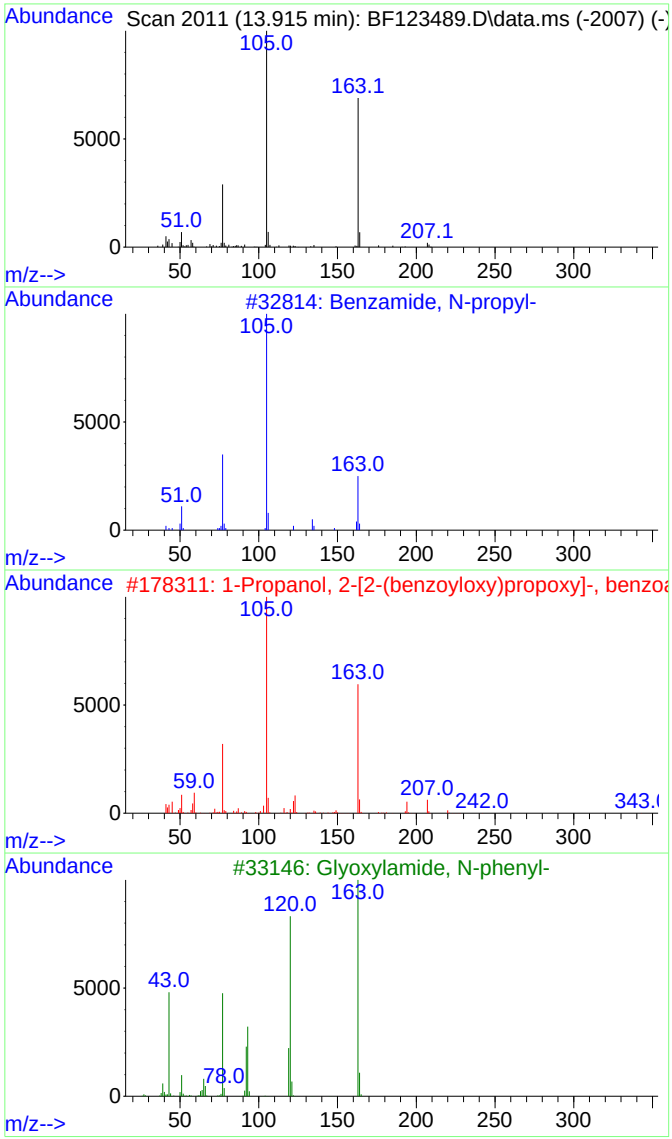
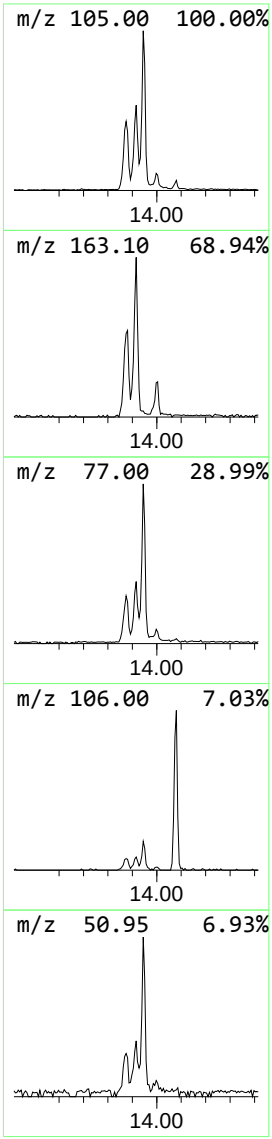
Peak Number 5 Benzamide, N-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	2.07 ng	163643	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	78
2	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	56
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
4	N-(4-Formyl-phenyl)-N-methyl-for...	163	C9H9NO2	079213-80-2	42
5	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	38





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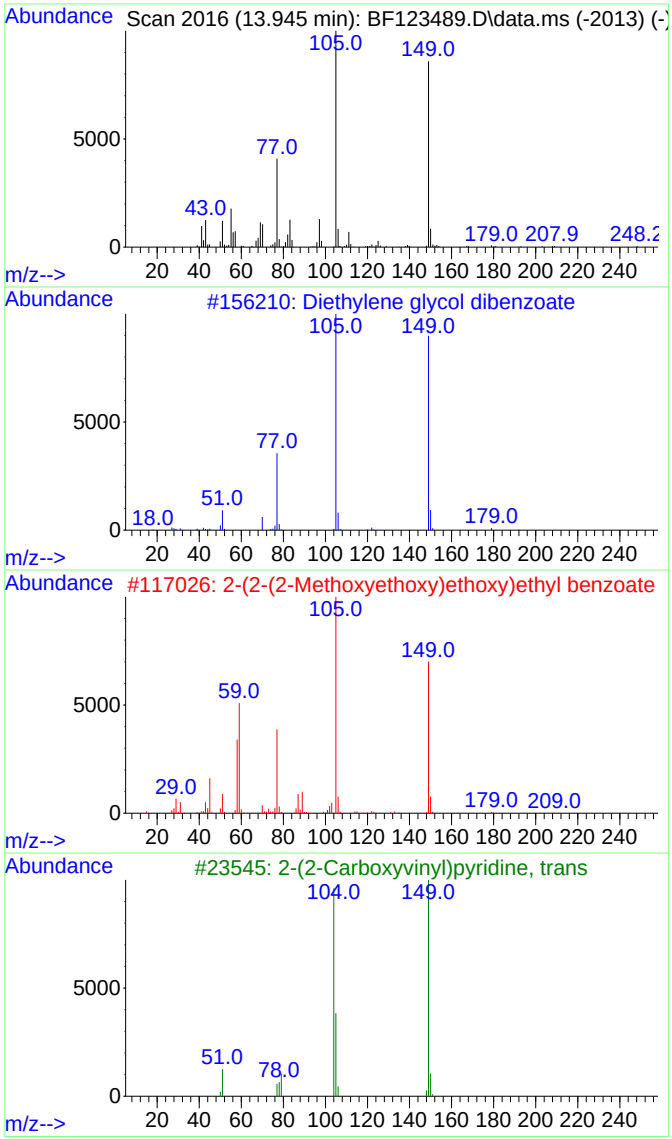
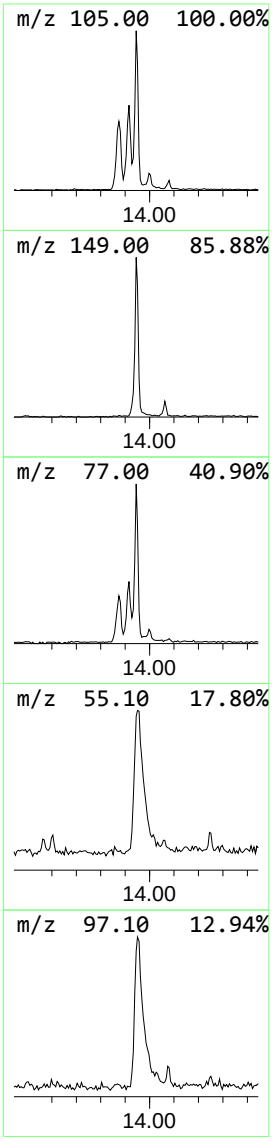
Peak Number 6 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	7.82 ng	618423	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	64
3	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	43
4	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	38
5	Phthalic acid, octyl trans-hex-3...	360	C22H32O4	1000360-48-6	38





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.257	60.9	ng	4637890	1	6.898	1523650	20.0
1-Decene	9.757	5.1	ng	589363	3	9.945	2300910	20.0
Dodecanoic acid	10.145	2.9	ng	337231	3	9.945	2300910	20.0
n-Hexadecanoic ...	11.957	4.2	ng	478647	4	11.433	2255220	20.0
Benzamide, N-pr...	13.915	2.1	ng	163643	5	14.080	1582660	20.0
Diethylene glyc...	13.945	7.8	ng	618423	5	14.080	1582660	20.0