LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123470.D
Acq On : 25 Mar 2021 19:51
Operator : JU/CG
Sample : M1771-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-SOIL-323

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: BF123470.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	11	16	22	rVB	774885	940509	29.38%	3.254%
2	2.287	30	34	41	rVB2	42023	58821	1.84%	0.204%
3	5.110	507	514	521	rVB2	47167	69251	2.16%	0.240%
4	5.510	578	582	585	rBV	3259570	2875509	89.82%	9.949%
5	6.516	748	753	756	rBV	3272759	2968683	92.73%	10.271%
6	6.898	814	818	821	rBV	1605571	1228334	38.37%	4.250%
7	7.457	908	913	916	rBV	2324607	1883797	58.84%	6.517%
8	8.186	1032	1037	1040	rBV	1768855	1555009	48.57%	5.380%
9	9.263	1215	1220	1223	rBV	3789458	3201471	100.00%	11.076%
10	9.651	1283	1286	1290	rBV	102208	86945	2.72%	0.301%
11	9.939	1332	1335	1339	rBV	1766836	1587505	49.59%	5.492%
12	10.245	1383	1387	1390	rBV	450924	399514	12.48%	1.382%
13	10.357	1402	1406	1408	rBV	45450	45324	1.42%	0.157%
14	10.727	1465	1469	1472	rBV	1927342	1537595	48.03%	5.320%
15	10.851	1487	1490	1496	rBV2	41619	49539	1.55%	0.171%
16	11.298	1564	1566	1570	rBV3	31144	37329	1.17%	0.129%
17	11.433	1585	1589	1591	rBV	1457314	1296535	40.50%	4.486%
18	11.451	1591	1592	1595	rVV	131279	96369	3.01%	0.333%
19	11.504	1599	1601	1604	rVB	50438	43176	1.35%	0.149%
20	11.957	1675	1678	1682	rVB2	104590	94121	2.94%	0.326%
21	12.045	1689	1693	1696	rBV	59521	71723	2.24%	0.248%
22	12.139	1706	1709	1711	rBV	39395	36100	1.13%	0.125%
23	12.415	1753	1756	1761	rBV3	32656	49899	1.56%	0.173%
24	12.527	1772	1775	1779	rBV3	47012	49187	1.54%	0.170%
25	12.568	1779	1782	1786	rVB2	42599	41781	1.31%	0.145%
26	12.645	1792	1795	1798	rBV	597729	470265	14.69%	1.627%
27	12.874	1828	1834	1837	rBV	514305	519318	16.22%	1.797%
28	12.927	1841	1843	1848	rVB4	35121	45421	1.42%	0.157%
29	13.021	1855	1859	1862	rBV	2799285	2245933	70.15%	7.770%
30	13.186	1884	1887	1888	rBV2	33052	37188	1.16%	0.129%
31	13.204	1888	1890	1894	rVB2	95201	90571	2.83%	0.313%
32	13.268	1897	1901	1904	rBV2	74848	99548	3.11%	0.344%
33	13.309	1905	1908	1910	rVB2	56828	51647	1.61%	0.179%
34	13.374	1916	1919	1922	rBV2	97071	95435	2.98%	0.330%
35	13.568	1948	1952	1955	rBV	613782	560499	17.51%	1.939%
36	13.709	1974	1976	1981	rVB	59361	71569	2.24%	0.248%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-SOIL-323

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

37	13.915	2009	2011	2013	rBV2	57597	61208	1.91%	0.212%
38	13.945	2013	2016	2023	rVB2	135899	254847	7.96%	0.882%
39	14.080	2034	2039	2041	rBV2	1185062	1366608	42.69%	4.728%
40	14.104	2041	2043	2046	rVB	312926	224417	7.01%	0.776%
41	14.186	2055	2057	2059	rVB2	66564	47067	1.47%	0.163%
42	14.498	2108	2110	2113	rBV2	51055	52225	1.63%	0.181%
43	14.556	2118	2120	2123	rVB2	65518	58161	1.82%	0.201%
44	15.133	2214	2218	2222	rBV	311516	522581	16.32%	1.808%
45	15.445	2268	2271	2278	rVB	183486	239717	7.49%	0.829%
46	15.509	2278	2282	2284	rBV	237568	324933	10.15%	1.124%
47	15.533	2284	2286	2289	rVB	312477	300990	9.40%	1.041%
48	15.574	2289	2293	2297	rBV	681505	859711	26.85%	2.974%

Sum of corrected areas: 28903885

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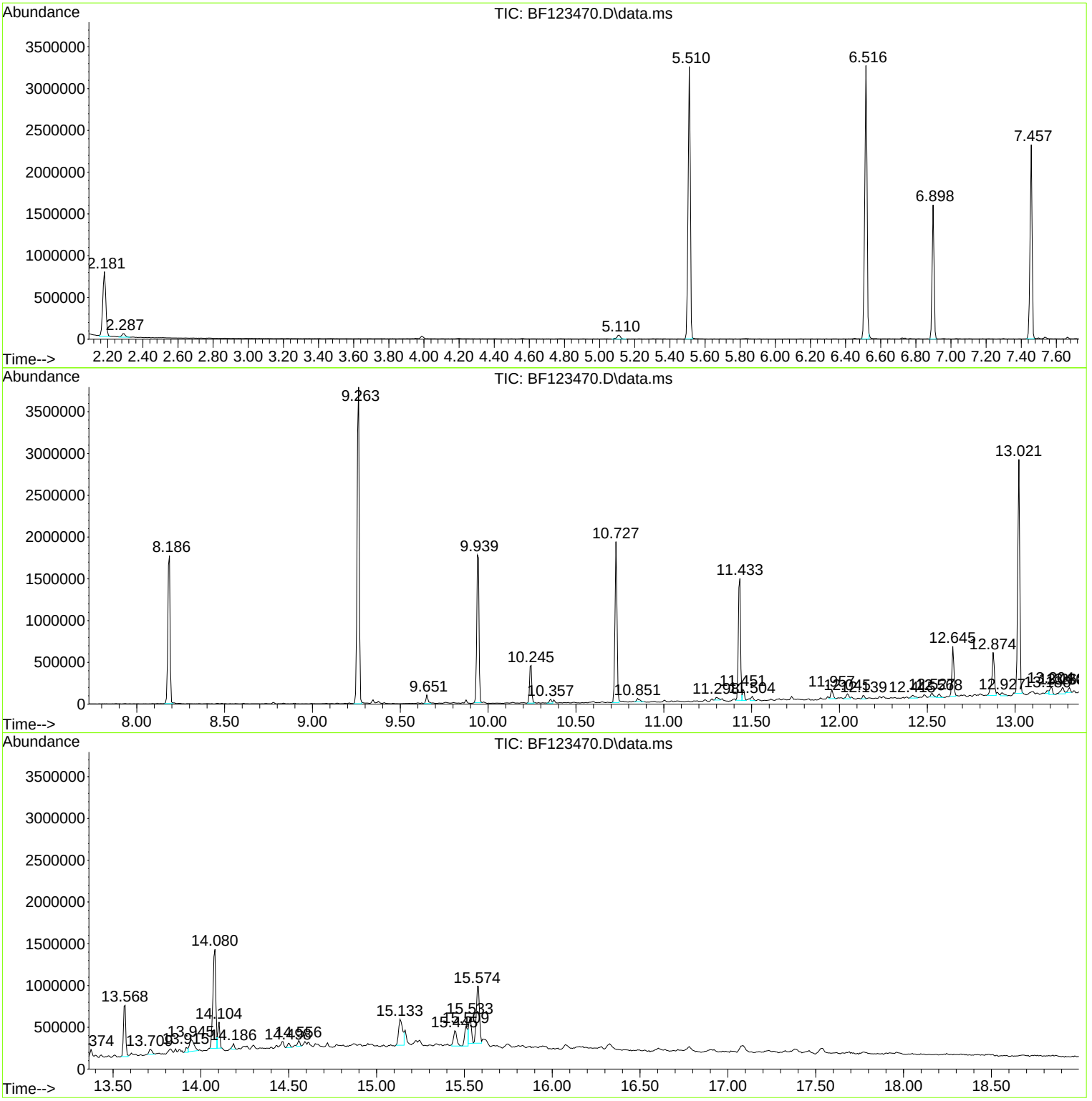
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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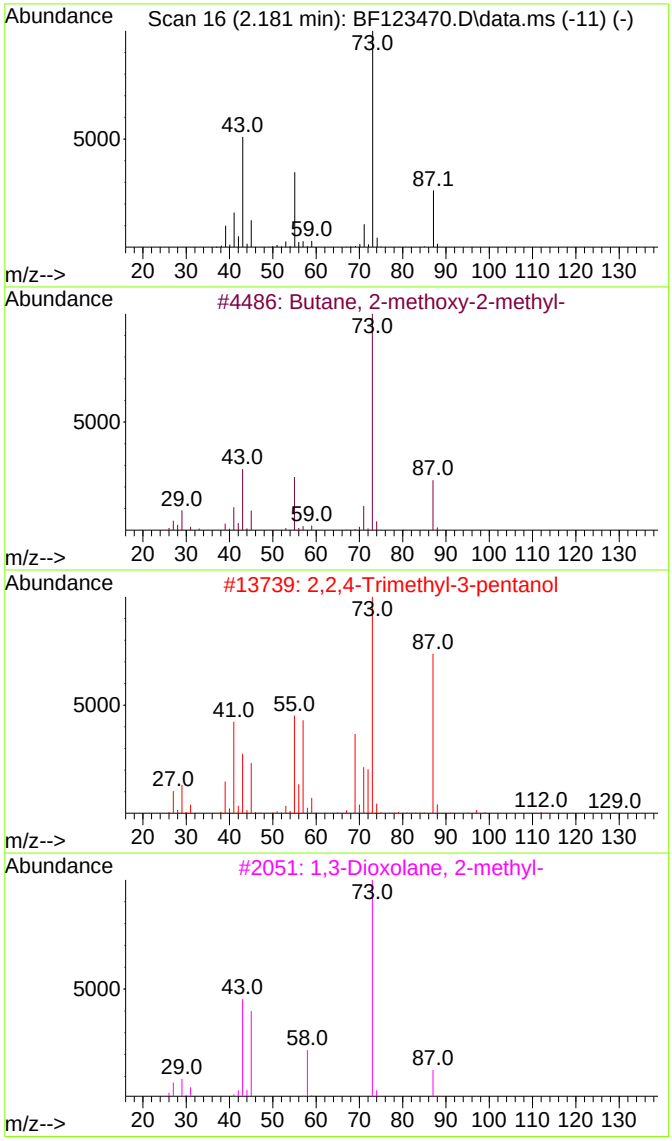
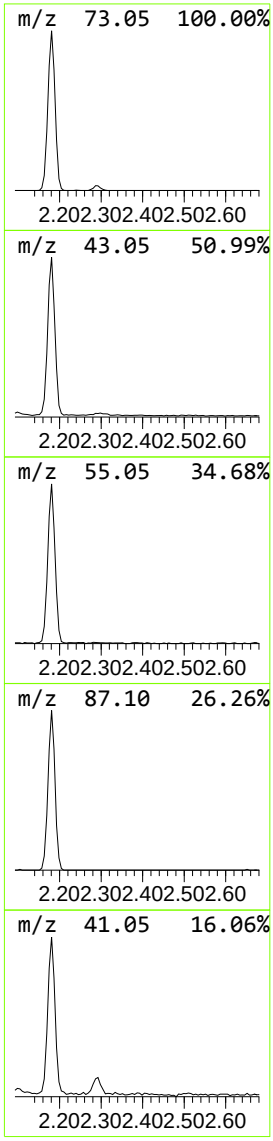
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	15.31 ng	940509	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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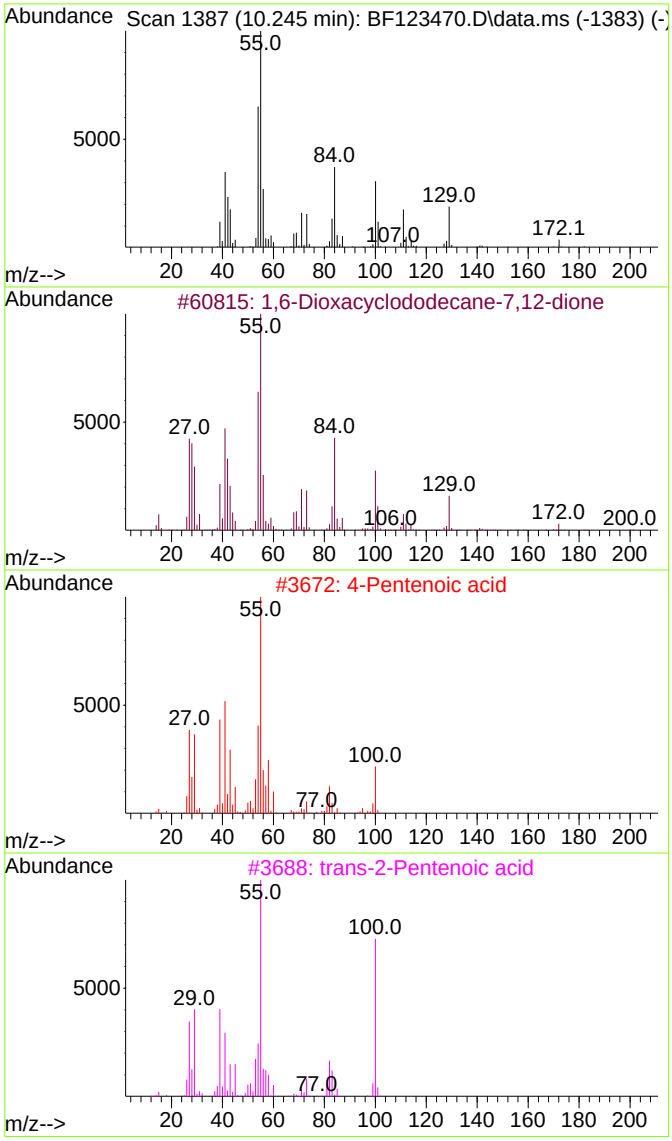
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

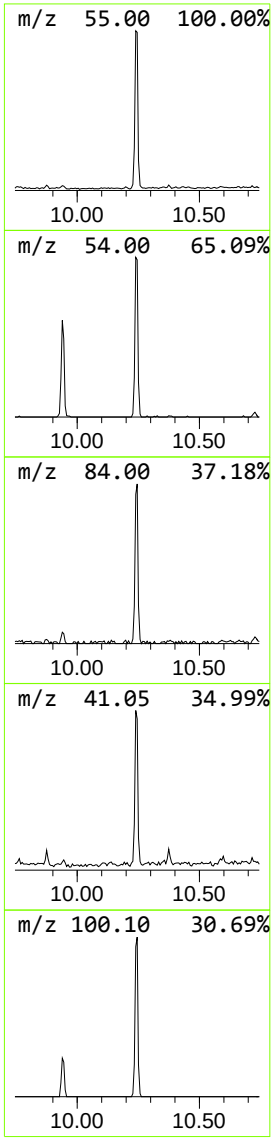
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,6-Dioxacyclododecane-7,12... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	5.03 ng	399514	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	90
2	4-Pentenoic acid	100	C5H8O2	000591-80-0	40
3	trans-2-Pentenoic acid	100	C5H8O2	013991-37-2	32
4	Ethyl cyclobutanecarboxylate	128	C7H12O2	014924-53-9	25
5	Cyclopentanone	84	C5H8O	000120-92-3	22





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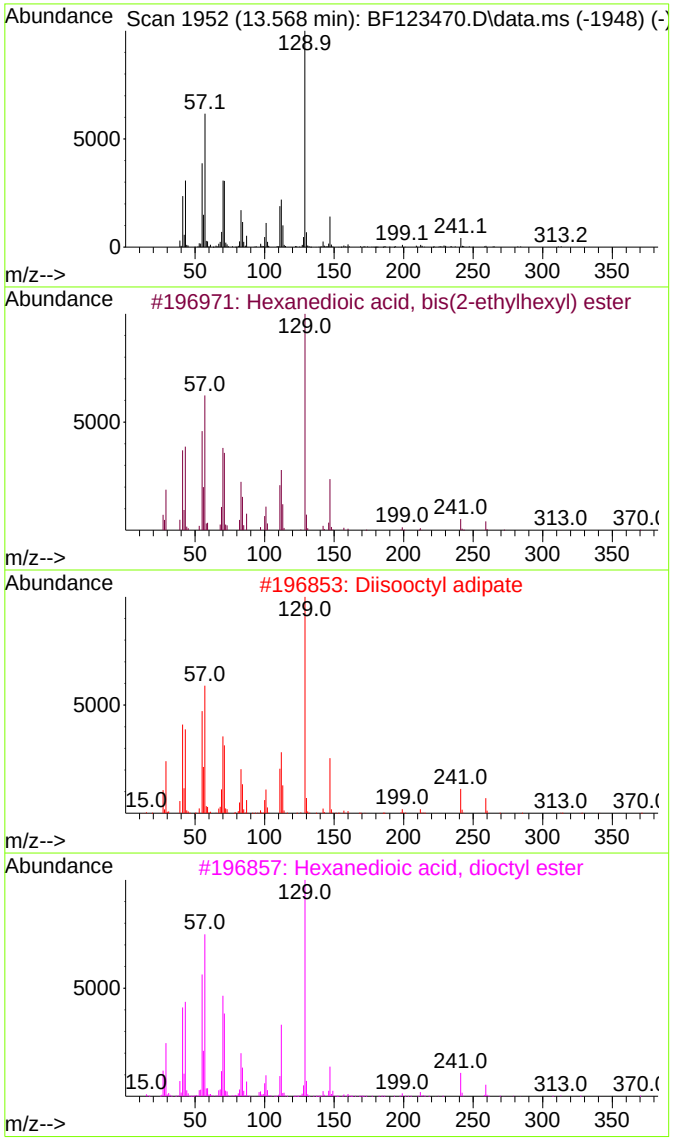
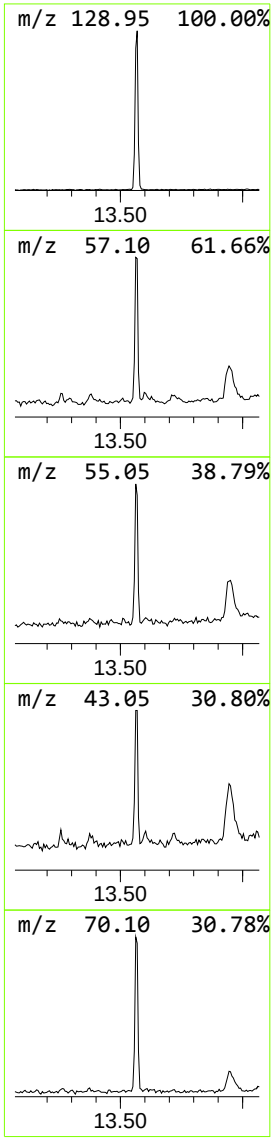
****
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.568	8.20 ng	560499	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	83
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	64
5	Adipic acid, 2-ethylhexyl pentyl...	328	C19H36O4	1000324-48-2	59





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TIC Library : C:\DATABASE\NIST11.L
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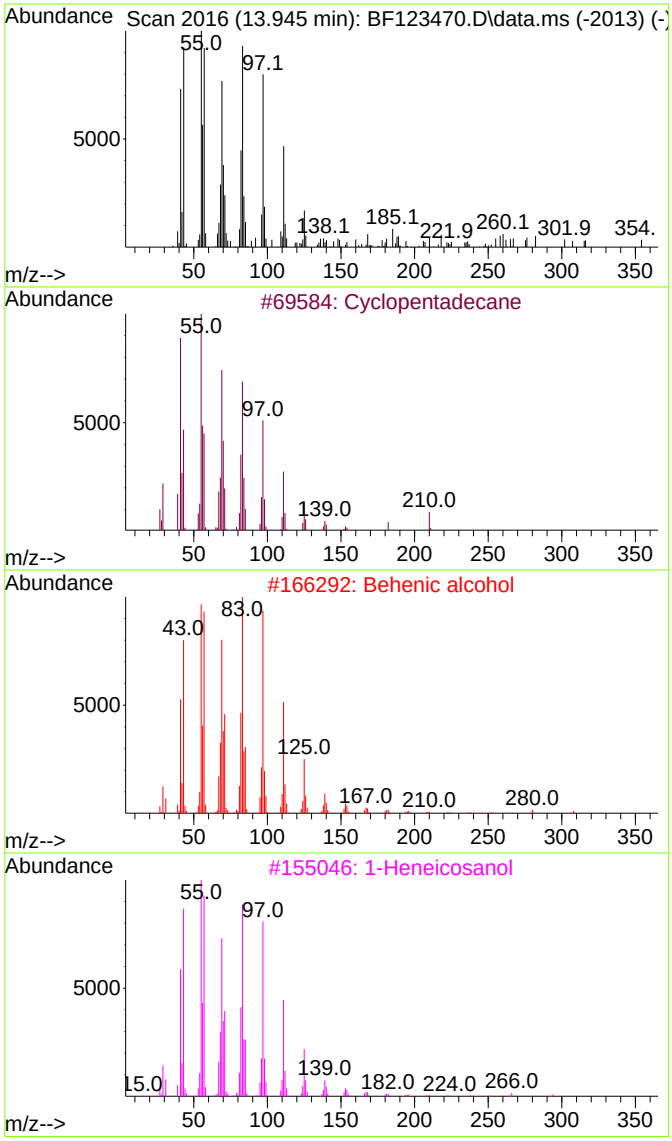
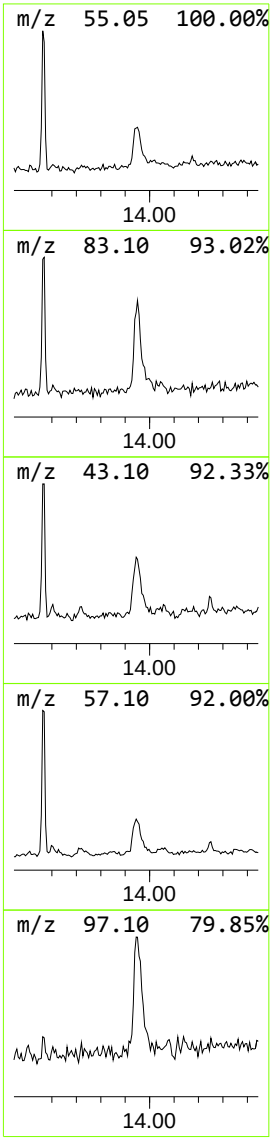
****

Peak Number 4 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	3.73 ng	254847	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Behenic alcohol	326	C22H46O	000661-19-8	87
3	1-Heneicosanol	312	C21H44O	015594-90-8	87
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81





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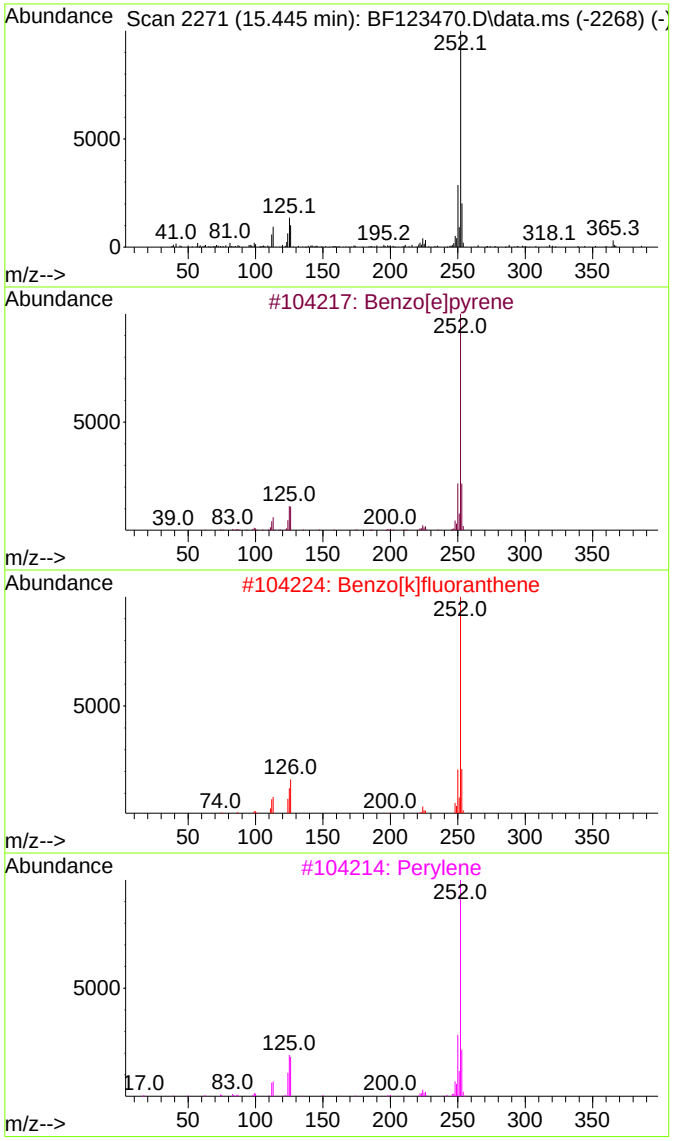
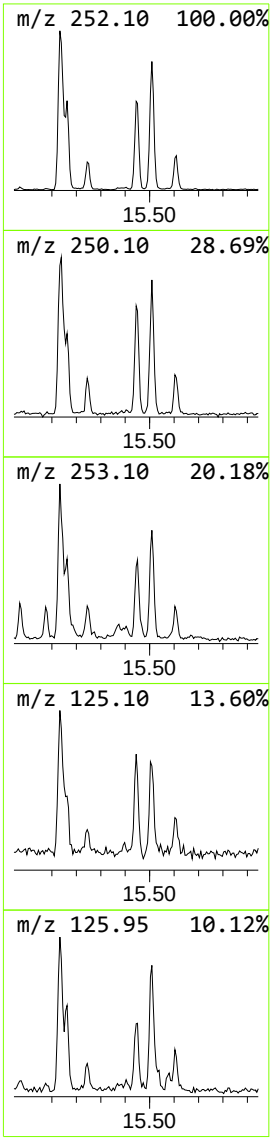
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	5.58 ng	239717	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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...	2.181	15.3	ng	940509	1	6.898	1228330	20.0
1,6-Dioxacyclod...	10.245	5.0	ng	399514	3	9.945	1587510	20.0
Hexanedioic aci...	13.568	8.2	ng	560499	5	14.080	1366610	20.0
Cyclopentadecane	13.945	3.7	ng	254847	5	14.080	1366610	20.0
Benzo[e]pyrene	15.445	5.6	ng	239717	6	15.580	859711	20.0