LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123451.D
Acq On : 24 Mar 2021 21:34
Operator : JU/CG
Sample : M1771-01
Misc :
ALS Vial : 19 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: BF123451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	16	21	27	rVB	806795	972728	29.36%	3.269%
2	2.322	35	40	46	rVB	45133	59362	1.79%	0.199%
3	4.016	325	328	333	rVB	31381	38347	1.16%	0.129%
4	5.134	514	518	523	rVB	49390	61723	1.86%	0.207%
5	5.528	581	585	589	rBV	3226311	2957192	89.25%	9.938%
6	6.534	751	756	759	rBV	3388966	3010828	90.87%	10.118%
7	6.916	817	821	824	rBV	1543025	1279334	38.61%	4.299%
8	7.469	911	915	919	rBV	2039823	1968296	59.40%	6.614%
9	8.198	1033	1039	1042	rBV	1995996	1615246	48.75%	5.428%
10	9.275	1218	1222	1225	rBV	4005385	3313412	100.00%	11.135%
11	9.669	1286	1289	1293	rBV	104461	91190	2.75%	0.306%
12	9.957	1335	1338	1342	rBV	1854742	1571360	47.42%	5.281%
13	10.257	1386	1389	1395	rBV	495286	413173	12.47%	1.388%
14	10.374	1405	1409	1410	rBV2	43358	40471	1.22%	0.136%
15	10.745	1468	1472	1478	rBV	1852598	1563434	47.19%	5.254%
16	10.869	1490	1493	1502	rVB2	51255	73395	2.22%	0.247%
17	11.316	1566	1569	1573	rBV2	40139	50264	1.52%	0.169%
18	11.451	1588	1592	1594	rBV	1348671	1233353	37.22%	4.145%
19	11.469	1594	1595	1598	rVV	117938	92609	2.79%	0.311%
20	11.521	1602	1604	1608	rVB	50533	46835	1.41%	0.157%
21	11.745	1639	1642	1645	rBV	49158	42971	1.30%	0.144%
22	11.910	1667	1670	1675	rBV6	28193	44042	1.33%	0.148%
23	11.974	1679	1681	1685	rVB2	68558	70244	2.12%	0.236%
24	12.063	1693	1696	1699	rBV2	49224	42537	1.28%	0.143%
25	12.157	1709	1712	1715	rBV	40306	39036	1.18%	0.131%
26	12.504	1768	1771	1774	rVB5	39284	42614	1.29%	0.143%
27	12.545	1775	1778	1782	rVV4	55568	62398	1.88%	0.210%
28	12.663	1795	1798	1802	rBV	540910	482001	14.55%	1.620%
29	12.892	1832	1837	1840	rBV	433523	498020	15.03%	1.674%
30	12.945	1844	1846	1851	rVB4	33890	47111	1.42%	0.158%
31	13.039	1858	1862	1870	rVB	2747529	2303213	69.51%	7.740%
32	13.221	1891	1893	1896	rVB	86363	81172	2.45%	0.273%
33	13.292	1903	1905	1907	rVB	63257	42205	1.27%	0.142%
34	13.327	1909	1911	1913	rVB2	61277	47212	1.42%	0.159%
35	13.398	1919	1923	1925	rBV2	109117	126998	3.83%	0.427%
36	13.586	1952	1955	1959	rBV	764595	626140	18.90%	2.104%

LSC Area Percent Report

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Data File : BF123451.D
Acq On : 24 Mar 2021 21:34
Operator : JU/CG
Sample : M1771-01
Misc :
ALS Vial : 19 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

37	13.733	1977	1980	1983	rVB3	60649	62970	1.90%	0.212%
38	13.845	1995	1999	2002	rBV2	66917	111079	3.35%	0.373%
39	13.939	2012	2015	2025	rVB2	525286	616051	18.59%	2.070%
40	14.098	2037	2042	2045	rBV2	1274552	1423862	42.97%	4.785%
41	14.121	2045	2046	2049	rVB	279825	198624	5.99%	0.667%
42	14.521	2112	2114	2117	rBV2	66531	53245	1.61%	0.179%
43	14.580	2121	2124	2127	rVV2	111407	114579	3.46%	0.385%
44	15.162	2219	2223	2226	rBV	298525	474392	14.32%	1.594%
45	15.474	2273	2276	2280	rVB	185197	201866	6.09%	0.678%
46	15.539	2284	2287	2289	rVV	214112	286342	8.64%	0.962%
47	15.562	2289	2291	2295	rVV	346450	339145	10.24%	1.140%
48	15.609	2295	2299	2302	rVV	711590	825155	24.90%	2.773%

Sum of corrected areas: 29757776

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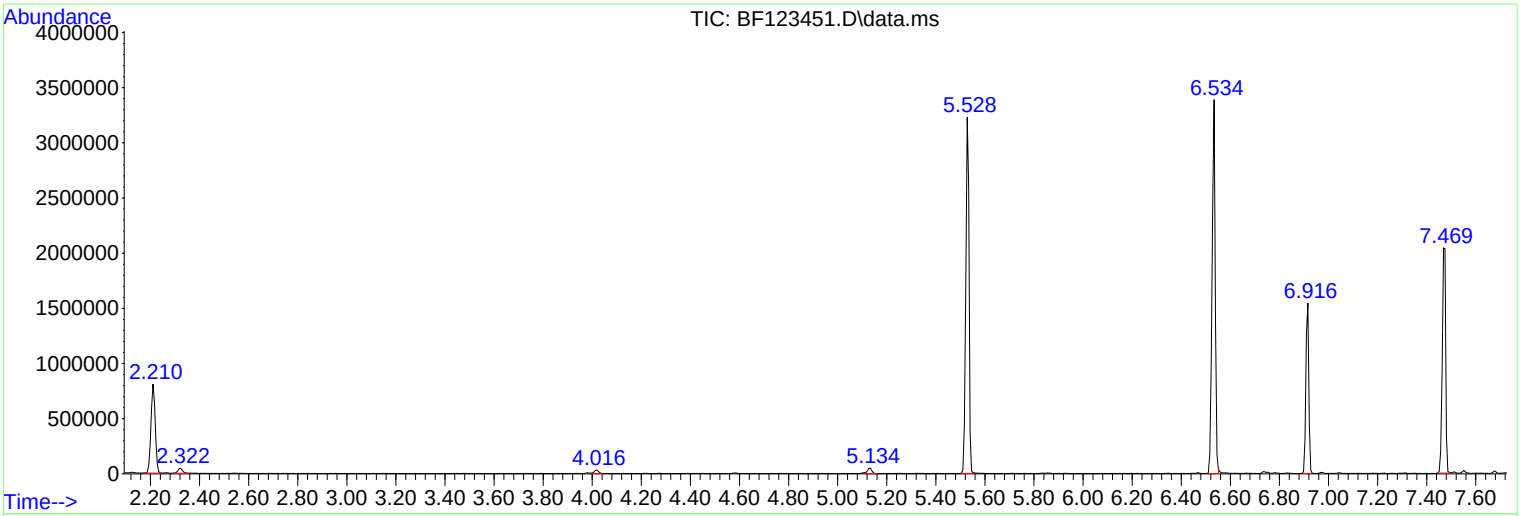
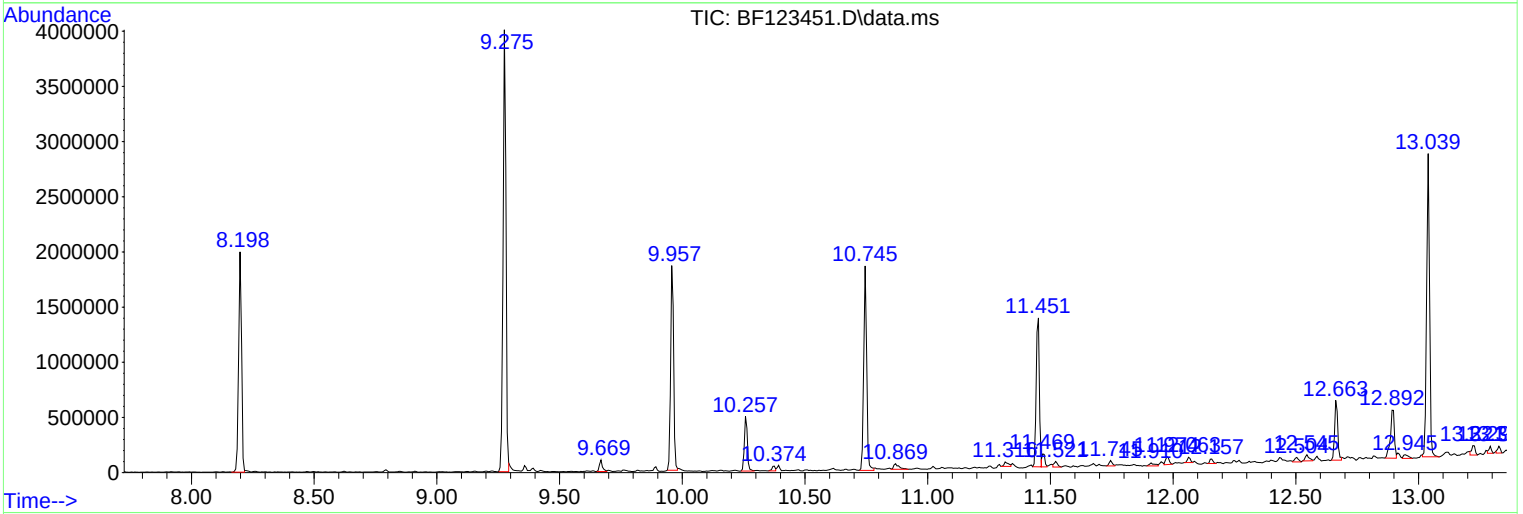
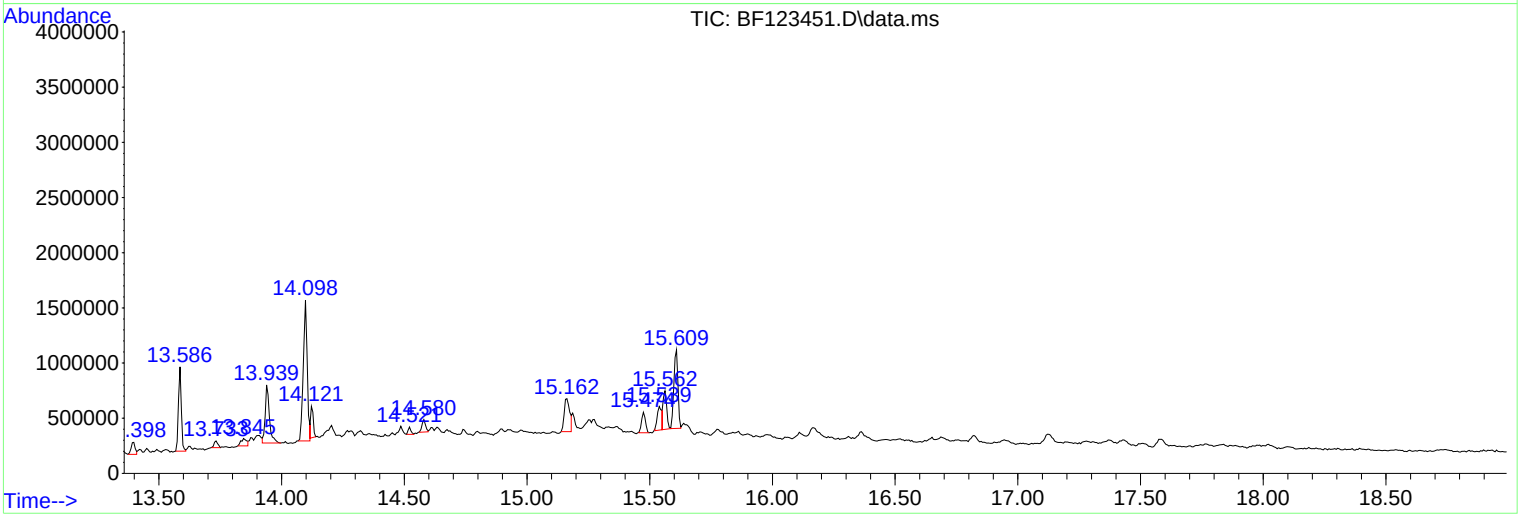
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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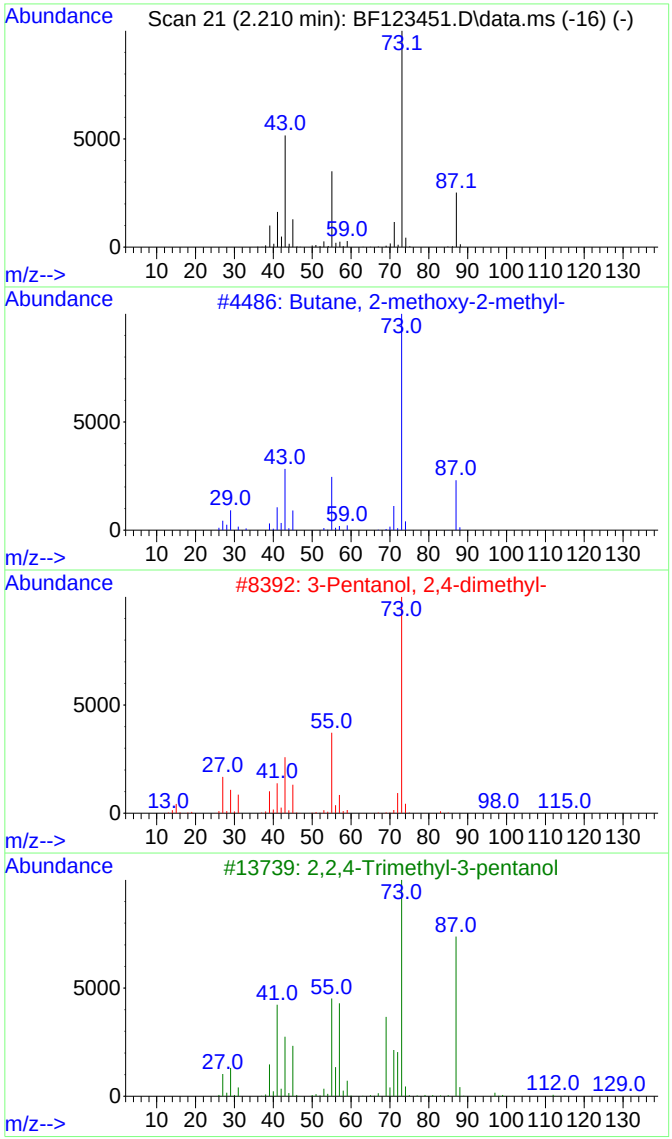
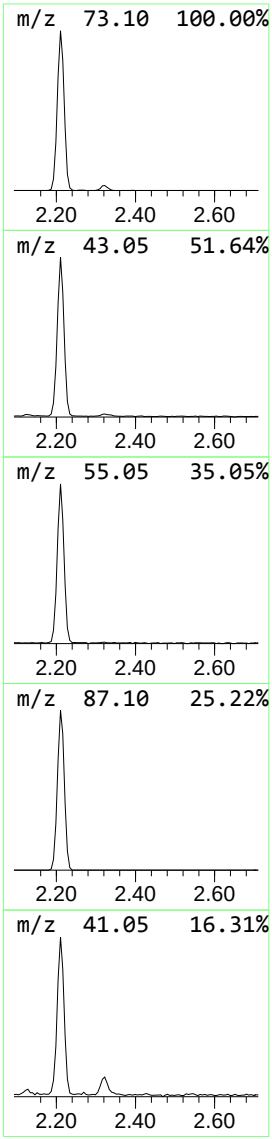
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	15.21 ng	972728	1,4-Dichlorobenzene-d4	6.916

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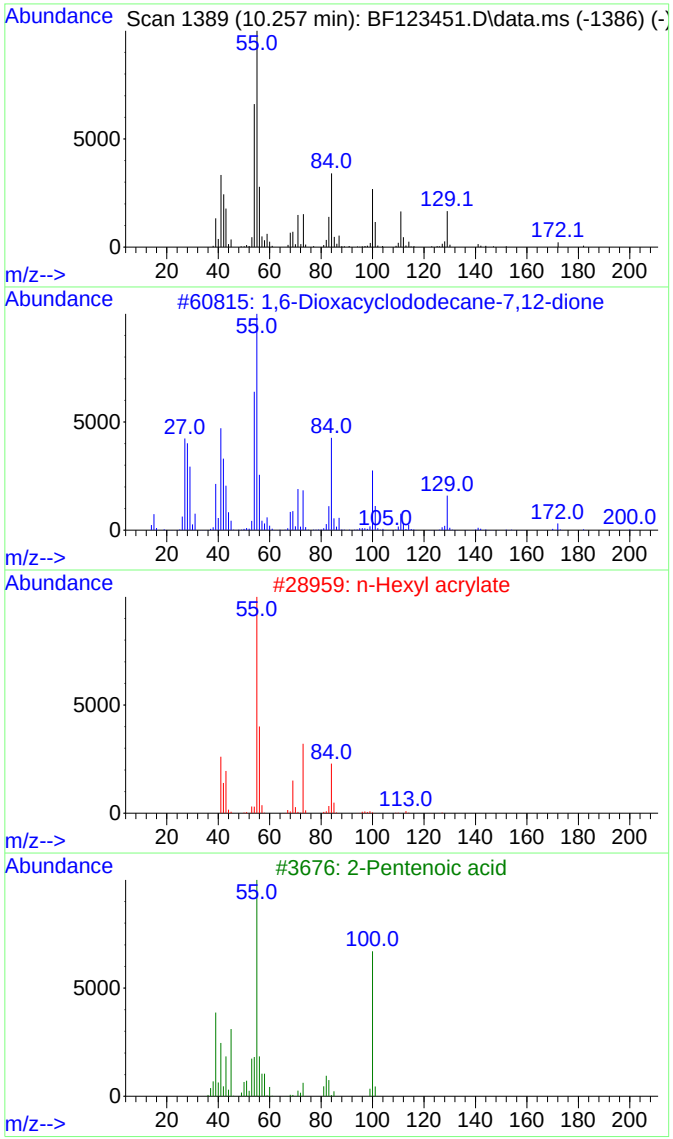
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

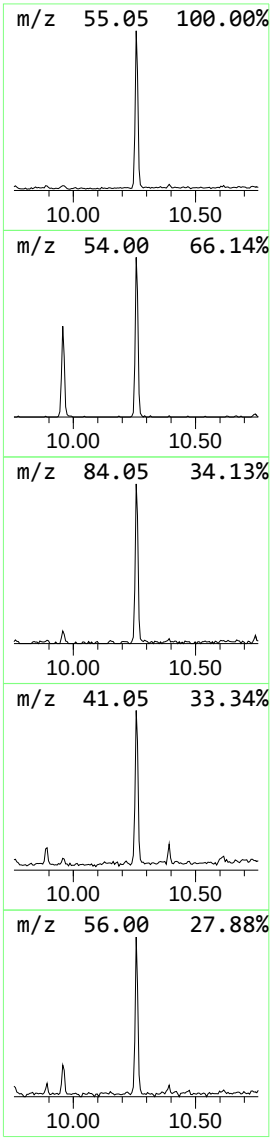
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	5.26 ng	413173	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	87
2	n-Hexyl acrylate	156	C9H16O2	002499-95-8	35
3	2-Pentenoic acid	100	C5H8O2	000626-98-2	35
4	Cyclopentanone	84	C5H8O	000120-92-3	25
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	22





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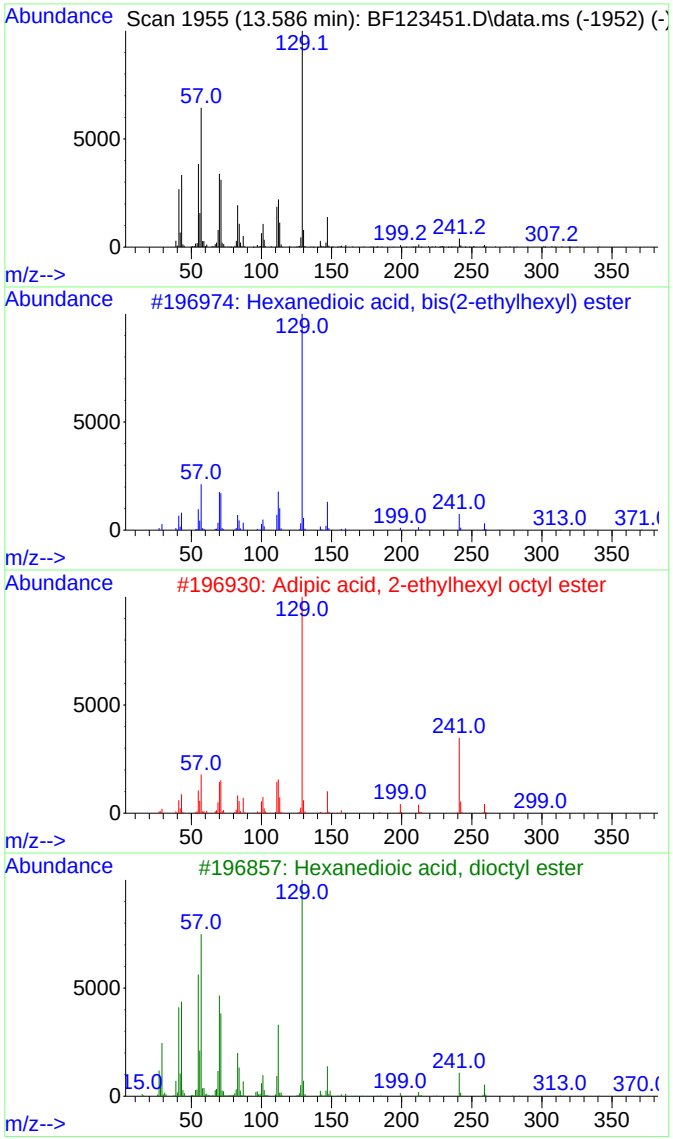
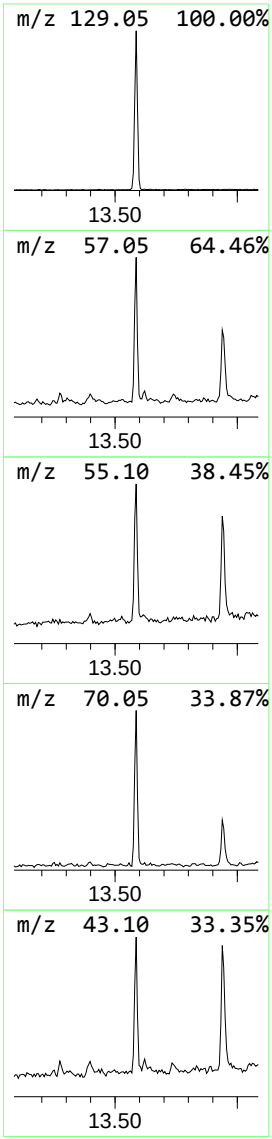
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.586	8.79 ng	626140	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	72
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	64
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	53





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Instrument :
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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

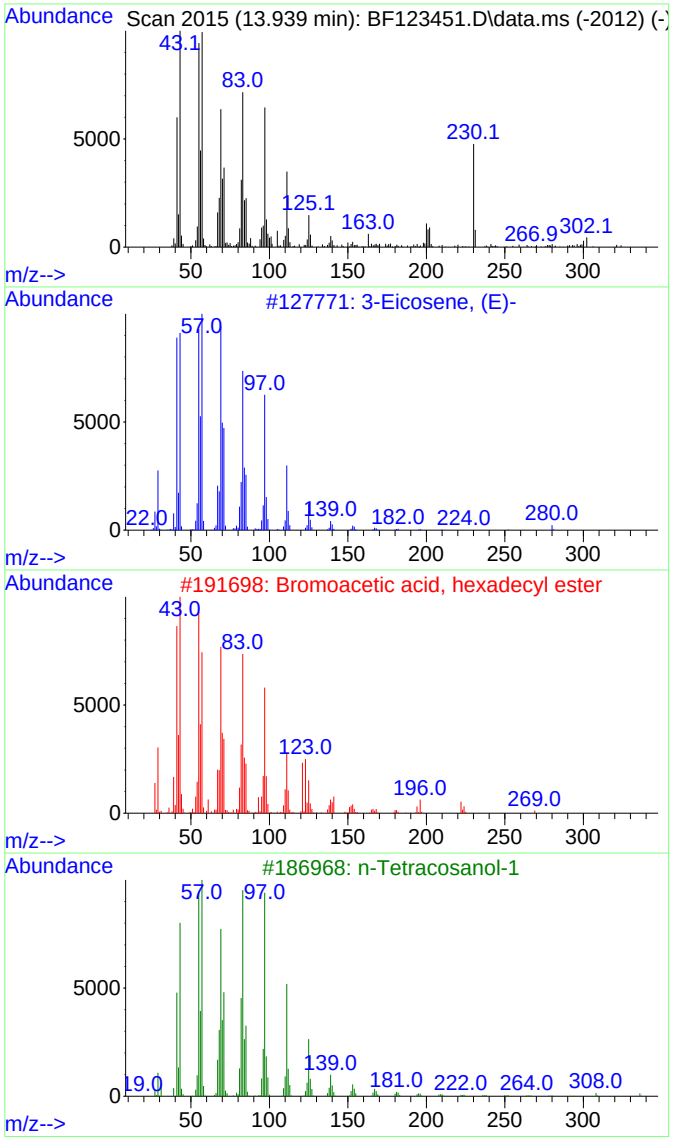
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

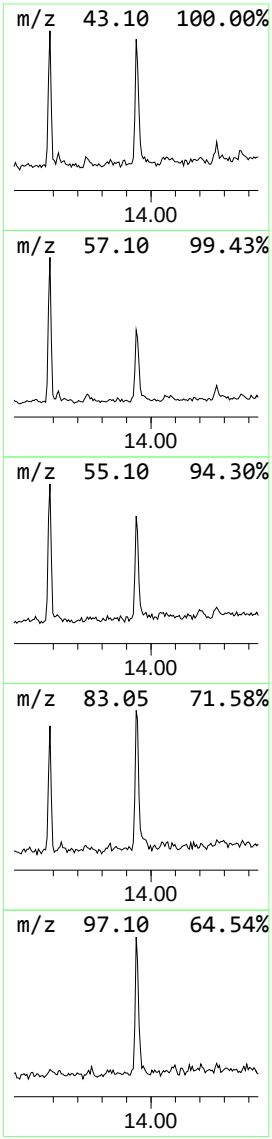
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	8.65 ng	616051	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	70
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
4	1-Hexadecanol	242	C16H34O	036653-82-4	70
5	11-Tricosene	322	C23H46	052078-56-5	70





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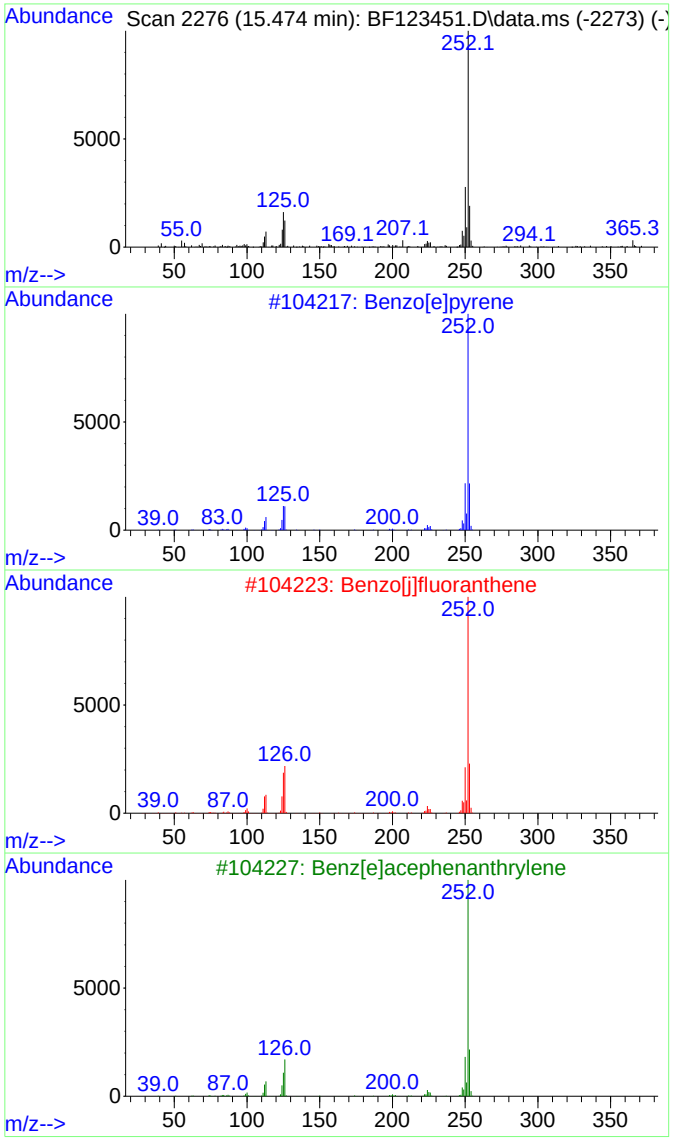
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

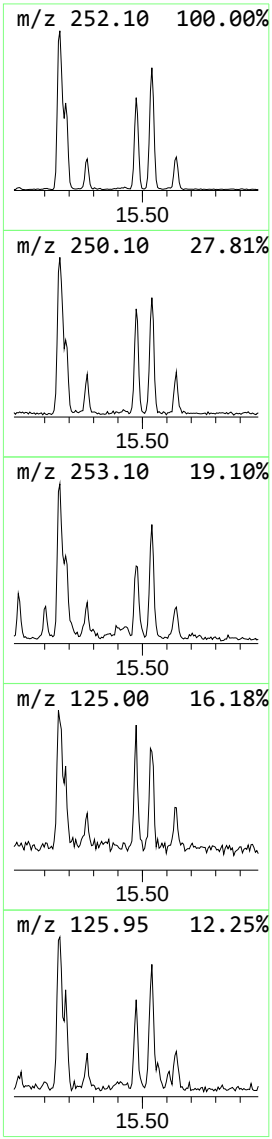
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.474	4.89 ng	201866	Perylene-d12	15.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Perylene	252	C20H12	000198-55-0	89





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...	2.210	15.2	ng	972728	1	6.916	1279330	20.0
1,6-Dioxacyclod...	10.257	5.3	ng	413173	3	9.957	1571360	20.0
Hexanedioic aci...	13.586	8.8	ng	626140	5	14.098	1423860	20.0
3-Eicosene, (E)-	13.939	8.7	ng	616051	5	14.098	1423860	20.0
Benzo[e]pyrene	15.474	4.9	ng	201866	6	15.609	825155	20.0