LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138380.D
Acq On : 27 Jun 2024 22:08
Operator : CG\JU
Sample : P3077-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-B-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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	8	15	20	rBV	1986196	2424555	84.50%	8.233%
2	2.281	28	33	39	rBV	30660	38801	1.35%	0.132%
3	3.398	221	223	228	rBV	45013	84599	2.95%	0.287%
4	5.098	508	512	520	rVB	213685	236788	8.25%	0.804%
5	5.510	577	582	585	rBV	3003515	2869178	100.00%	9.743%
6	6.516	748	753	756	rBV	3089149	2734853	95.32%	9.287%
7	6.704	782	785	790	rBV	47883	43481	1.52%	0.148%
8	6.881	811	815	818	rBV	1574427	1176644	41.01%	3.995%
9	7.439	906	910	913	rBV	2122534	1725136	60.13%	5.858%
10	7.692	949	953	959	rVB	111178	85501	2.98%	0.290%
11	8.157	1029	1032	1035	rBV	1579490	1365104	47.58%	4.635%
12	8.469	1081	1085	1089	rBV	141928	123199	4.29%	0.418%
13	9.233	1211	1215	1218	rBV	3262268	2592457	90.36%	8.803%
14	9.910	1327	1330	1334	rBV	1459025	1197704	41.74%	4.067%
15	9.945	1334	1336	1340	rVB	46591	36293	1.26%	0.123%
16	10.010	1342	1347	1352	rVB2	59512	83312	2.90%	0.283%
17	10.457	1420	1423	1429	rVB	41023	35770	1.25%	0.121%
18	10.698	1460	1464	1476	rBV	1737462	1458587	50.84%	4.953%
19	10.810	1480	1483	1488	rVB2	31179	43629	1.52%	0.148%
20	11.398	1579	1583	1585	rBV	1343692	1122270	39.11%	3.811%
21	11.421	1585	1587	1590	rVV	306457	236028	8.23%	0.801%
22	11.469	1591	1595	1598	rVB	73939	73159	2.55%	0.248%
23	11.921	1669	1672	1677	rBV2	173886	154568	5.39%	0.525%
24	12.010	1684	1687	1689	rBV2	68808	65309	2.28%	0.222%
25	12.445	1758	1761	1764	rBV	35783	36222	1.26%	0.123%
26	12.480	1764	1767	1773	rVB6	27156	50643	1.77%	0.172%
27	12.610	1785	1789	1792	rBV	527456	458258	15.97%	1.556%
28	12.663	1794	1798	1802	rVB3	84561	87916	3.06%	0.299%
29	12.704	1802	1805	1808	rBV3	55864	53314	1.86%	0.181%
30	12.839	1822	1828	1833	rVV	470760	472777	16.48%	1.605%
31	12.886	1833	1836	1841	rVB2	24058	33862	1.18%	0.115%
32	12.980	1848	1852	1855	rBV	3205872	2647285	92.27%	8.989%
33	13.057	1860	1865	1868	rBV2	31291	50639	1.76%	0.172%
34	13.163	1881	1883	1886	rVB	79166	65376	2.28%	0.222%
35	13.233	1892	1895	1897	rVB	56382	44459	1.55%	0.151%
36	13.268	1897	1901	1904	rBV2	48113	49187	1.71%	0.167%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138380.D
Acq On : 27 Jun 2024 22:08
Operator : CG\JU
Sample : P3077-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-B-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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.457	1929	1933	1936	rBV	2739749	2186587	76.21%	7.425%
38	13.874	2001	2004	2014	rVB	211449	237573	8.28%	0.807%
39	14.033	2026	2031	2034	rBV2	1426948	1415397	49.33%	4.806%
40	14.057	2034	2035	2041	rVB	216945	163424	5.70%	0.555%
41	14.139	2047	2049	2052	rVB	51922	37706	1.31%	0.128%
42	14.498	2108	2110	2115	rBV3	45715	75297	2.62%	0.256%
43	15.074	2204	2208	2211	rBV	142727	217790	7.59%	0.740%
44	15.380	2257	2260	2266	rVB	69429	86825	3.03%	0.295%
45	15.439	2267	2270	2276	rVB	121829	139373	4.86%	0.473%
46	15.504	2277	2281	2285	rBV	727175	832882	29.03%	2.828%

Sum of corrected areas: 29449717

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Misc :
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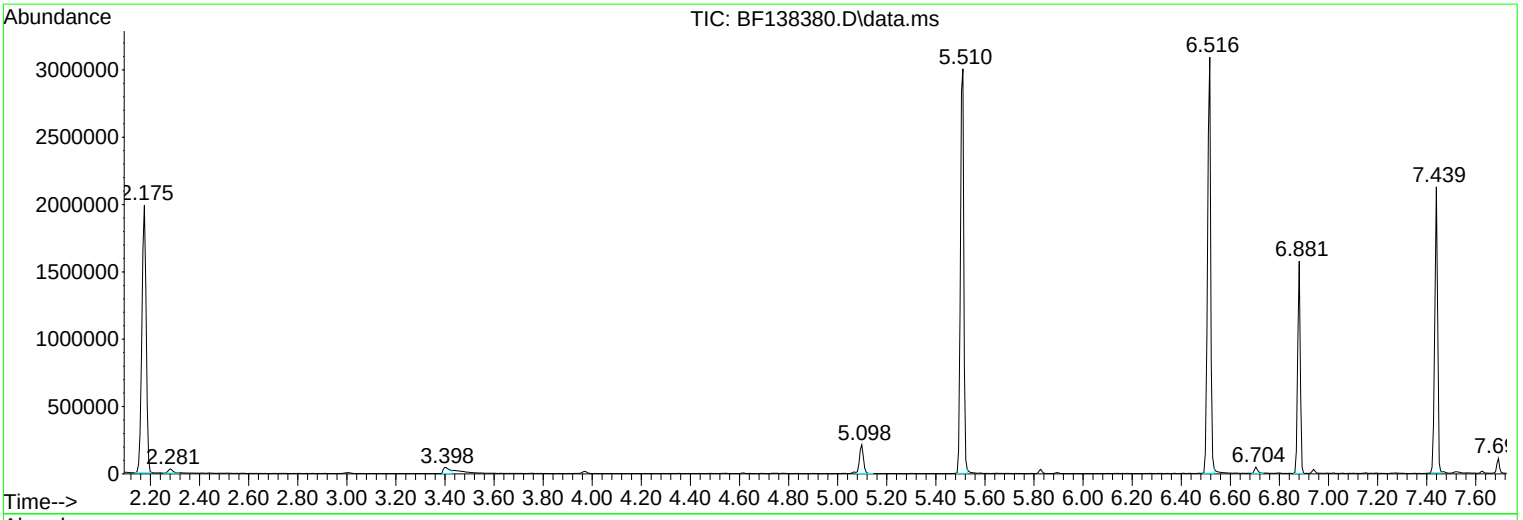
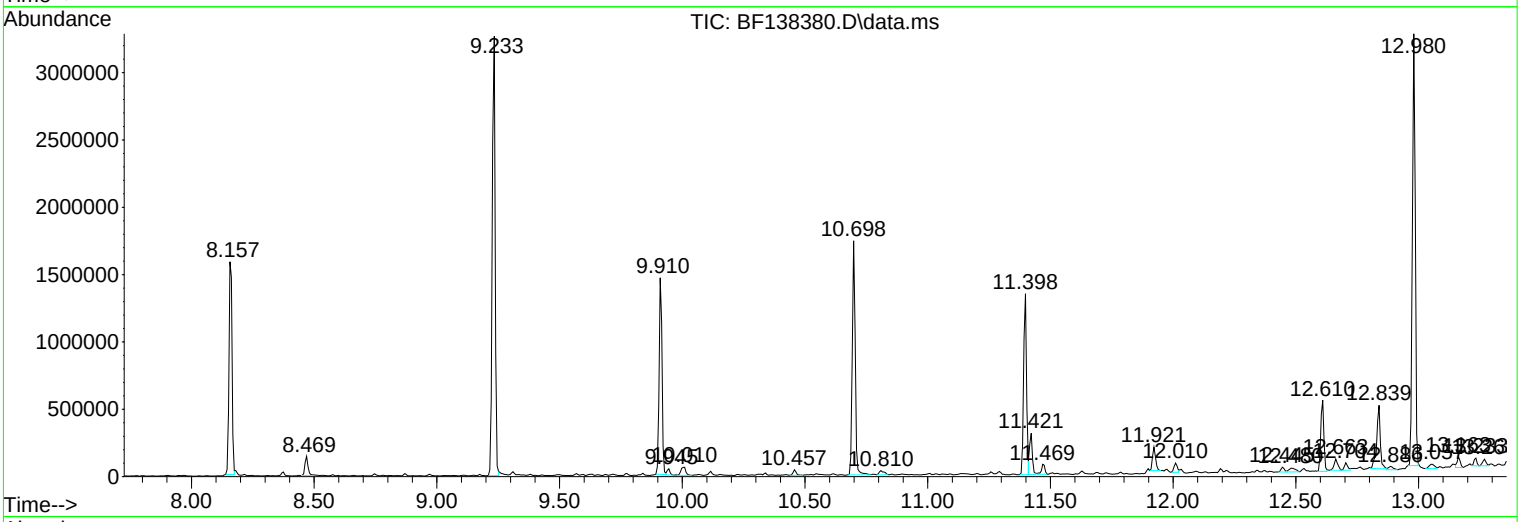
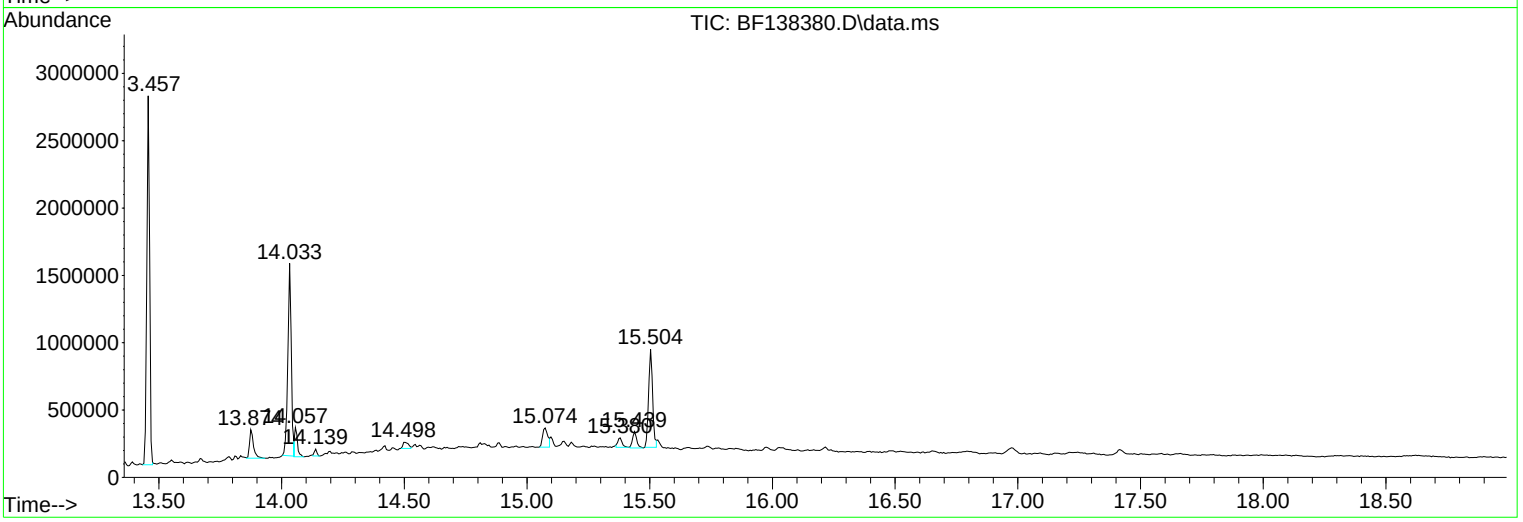
Instrument :
BNA_F
ClientSampleId :
1-B-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138380.D
Acq On : 27 Jun 2024 22:08
Operator : CG\JU
Sample : P3077-10
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Instrument :
BNA_F
ClientSampleId :
1-B-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

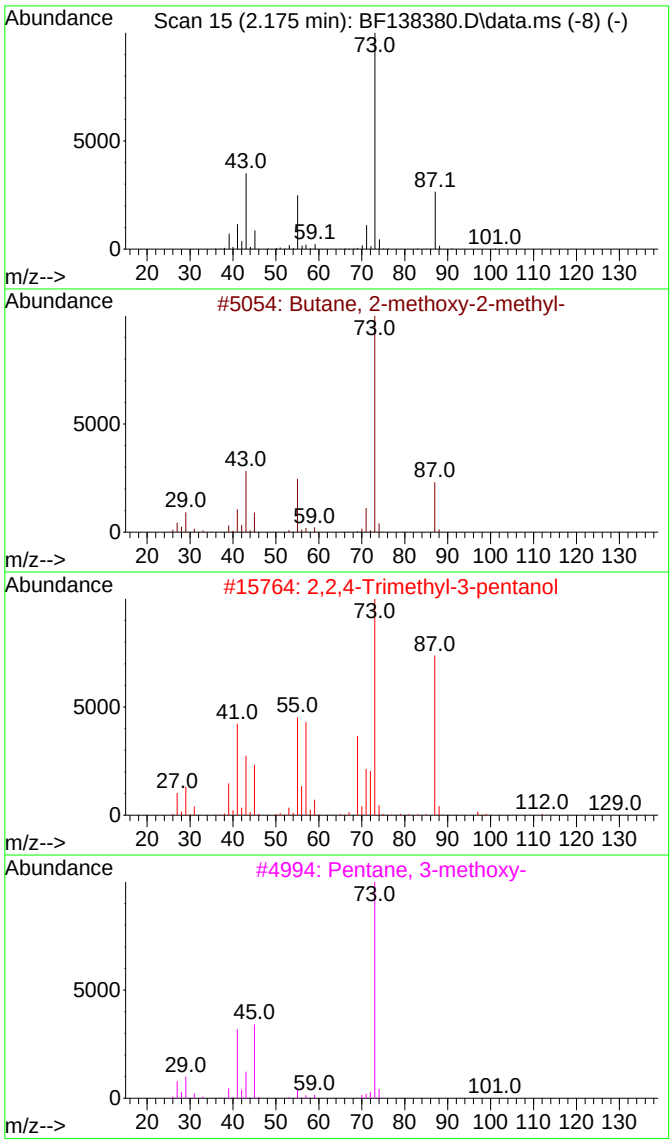
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

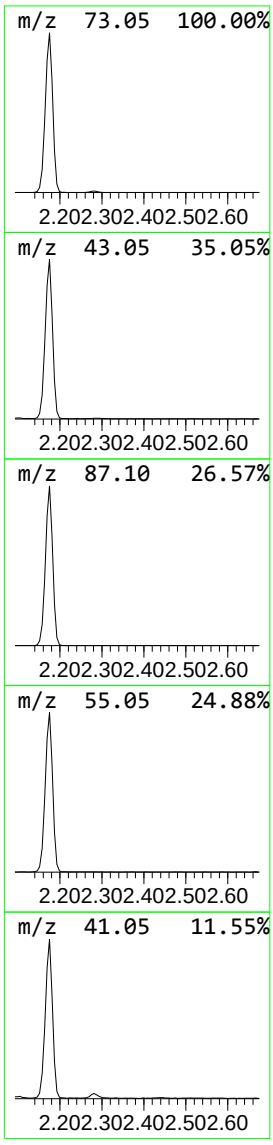
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	41.21 ng	2424560	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BF138380.D
Acq On : 27 Jun 2024 22:08
Operator : CG\JU
Sample : P3077-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-B-1

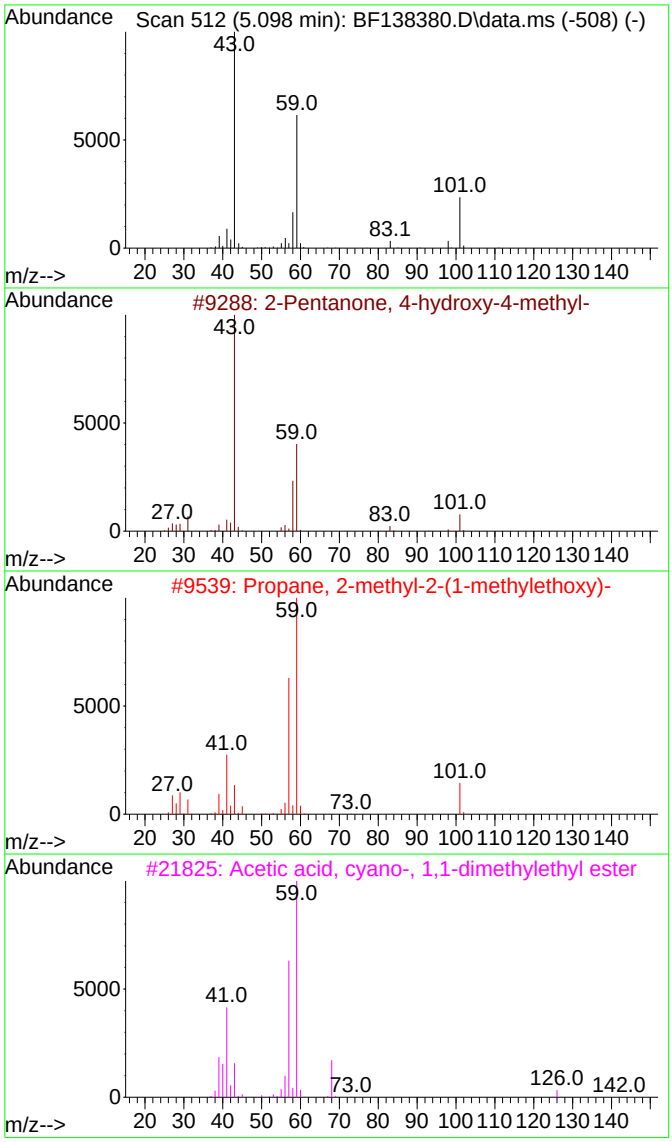
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

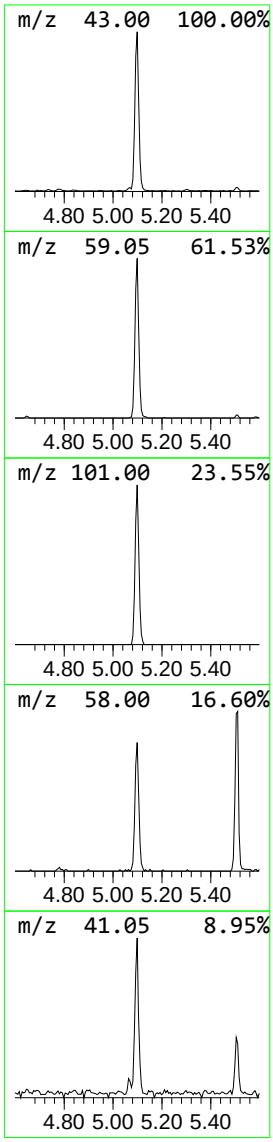
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	4.02 ng	236788	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138380.D
Acq On : 27 Jun 2024 22:08
Operator : CG\JU
Sample : P3077-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-B-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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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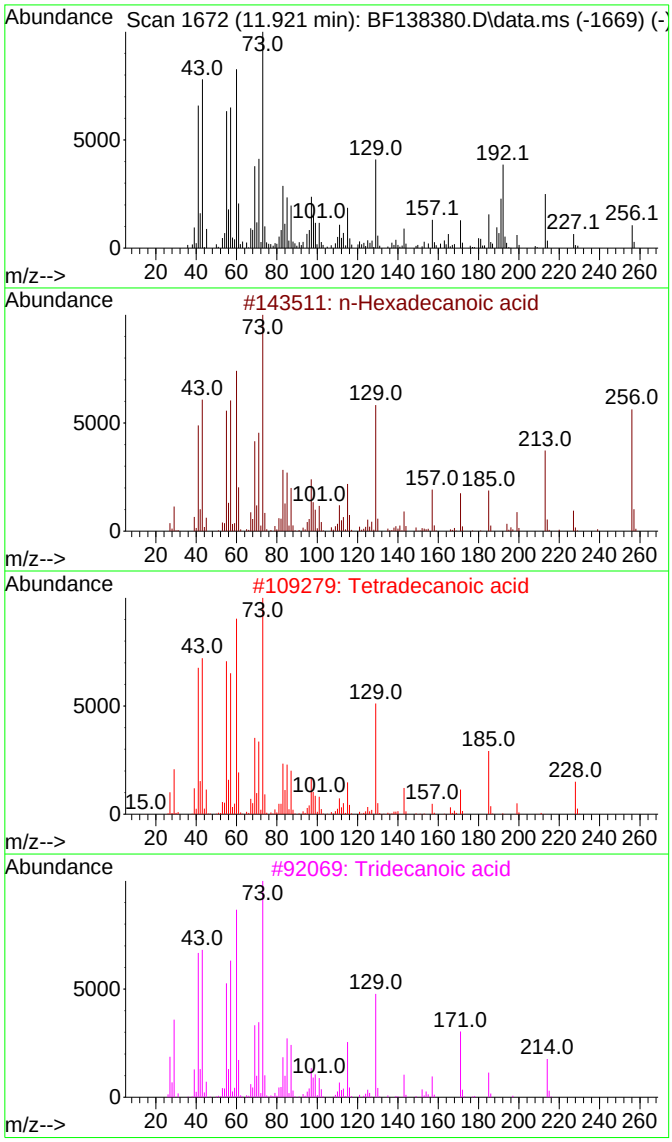
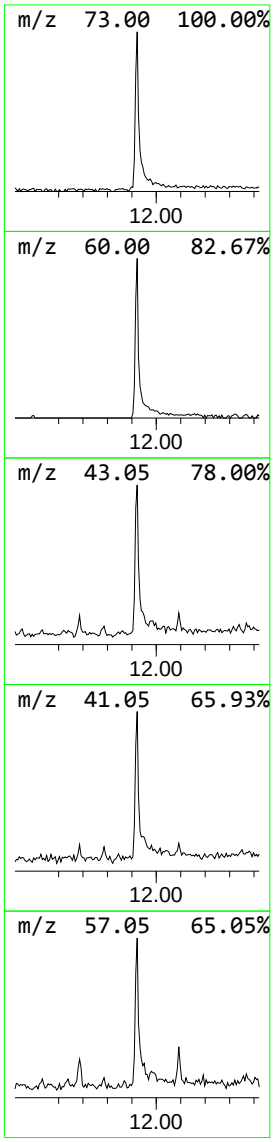
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	2.75 ng	154568	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Sample : P3077-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-B-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

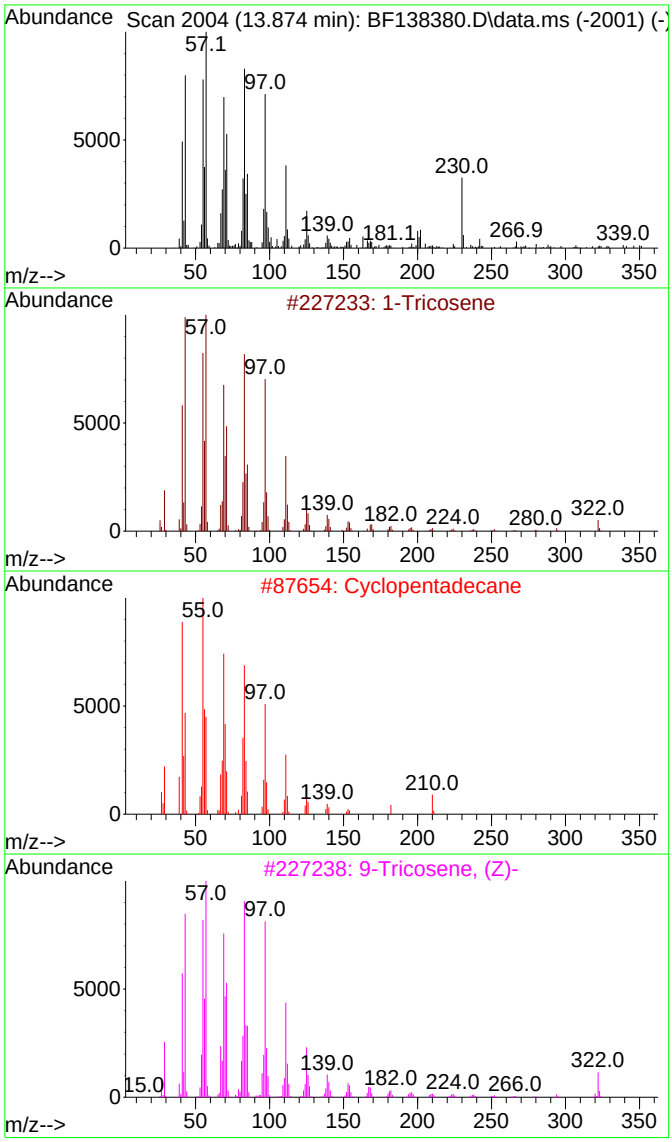
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

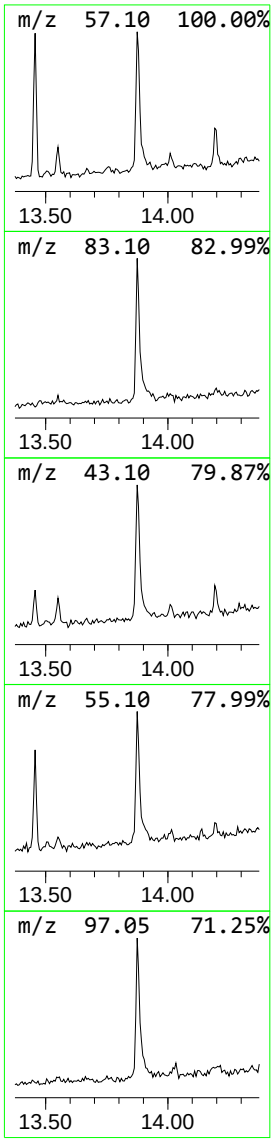
****

Peak Number 4 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.36 ng	237573	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5	9-Nonadecene	266	C19H38	031035-07-1	93





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-B-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

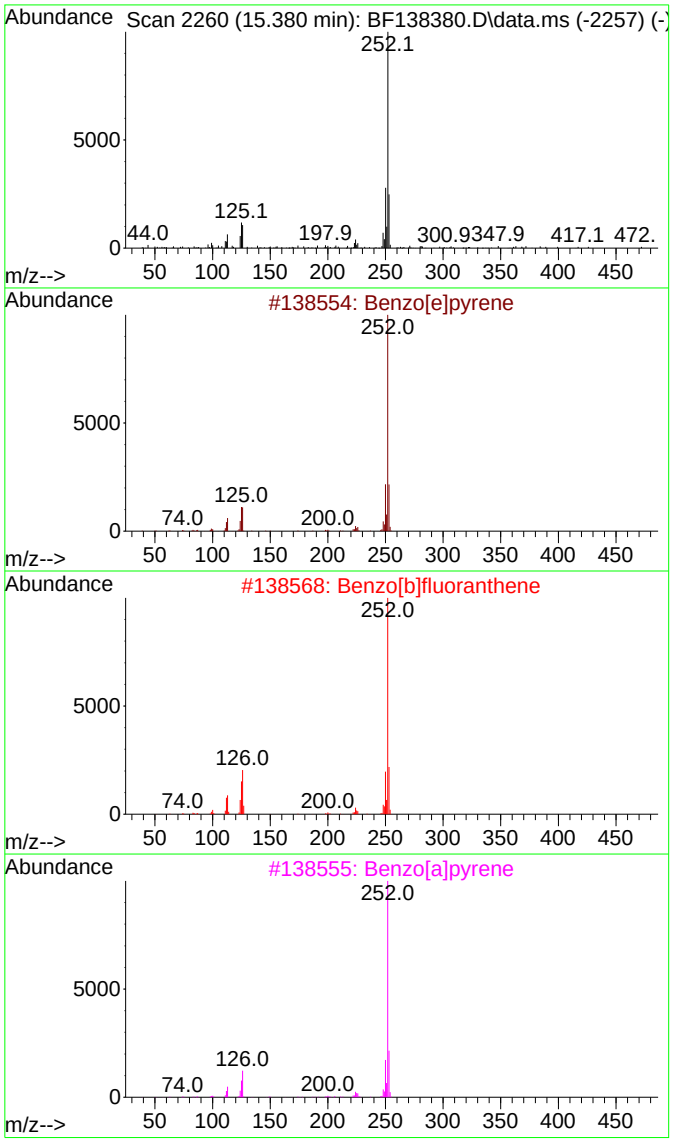
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

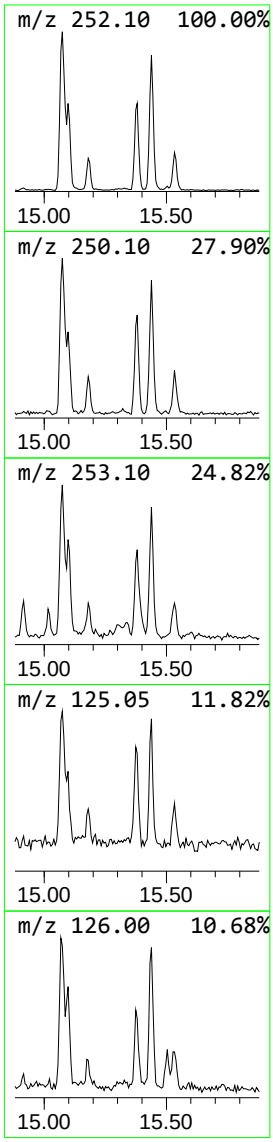
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	2.08 ng	86825	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.175	41.2	ng	2424560	1	6.881	1176640	20.0
2-Pentanone, 4-...	5.098	4.0	ng	236788	1	6.881	1176640	20.0
n-Hexadecanoic ...	11.922	2.8	ng	154568	4	11.398	1122270	20.0
1-Tricosene	13.874	3.4	ng	237573	5	14.033	1415400	20.0
Benzo[e]pyrene	15.380	2.1	ng	86825	6	15.504	832882	20.0