LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050394.D
Acq On : 10 Jul 2025 17:58
Operator : RC/JU
Sample : Q2543-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-49

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_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050394.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	24	rVB	1660333	2233456	5.71%	1.242%
2	4.969	332	337	344	rBV	771471	1125171	2.88%	0.625%
3	5.434	409	416	426	rBV	9505268	14236190	36.38%	7.914%
4	7.022	678	686	697	rBV	9648023	15096479	38.58%	8.392%
5	7.863	819	829	836	rBV	2099299	3297918	8.43%	1.833%
6	9.016	1014	1025	1036	rBV	5938912	9480268	24.23%	5.270%
7	10.657	1296	1304	1311	rBV	2603843	4347286	11.11%	2.417%
8	13.116	1715	1722	1731	rBV	15789757	22790691	58.24%	12.669%
9	14.492	1947	1956	1962	rBV	3973098	5851192	14.95%	3.253%
10	15.845	2178	2186	2192	rBV	1326285	1817451	4.64%	1.010%
11	15.968	2200	2207	2231	rBV	13315023	18400344	47.02%	10.229%
12	17.227	2414	2421	2425	rBV	4742202	6951195	17.76%	3.864%
13	17.262	2425	2427	2432	rVB	348860	427611	1.09%	0.238%
14	18.127	2564	2574	2582	rBV2	1243930	2107383	5.39%	1.172%
15	19.274	2763	2769	2775	rBV	2090297	2804723	7.17%	1.559%
16	19.633	2826	2830	2839	rVB	1908650	2518720	6.44%	1.400%
17	19.839	2857	2865	2878	rBV	31307279	39131227	100.00%	21.753%
18	20.127	2910	2914	2918	rVB	357206	469005	1.20%	0.261%
19	21.133	3081	3085	3091	rBV2	1266368	1855251	4.74%	1.031%
20	21.450	3131	3139	3144	rBV3	5949090	10794216	27.58%	6.001%
21	21.492	3144	3146	3159	rVB	1106843	1570409	4.01%	0.873%
22	22.592	3330	3333	3340	rVB	287324	422699	1.08%	0.235%
23	23.527	3486	3492	3500	rBV	747444	2258459	5.77%	1.255%
24	24.203	3602	3607	3620	rVB	486242	1188381	3.04%	0.661%
25	24.344	3624	3631	3640	rVB	588238	1473177	3.76%	0.819%
26	24.491	3647	3656	3664	rBV	2894727	7238009	18.50%	4.024%

Sum of corrected areas: 179886911

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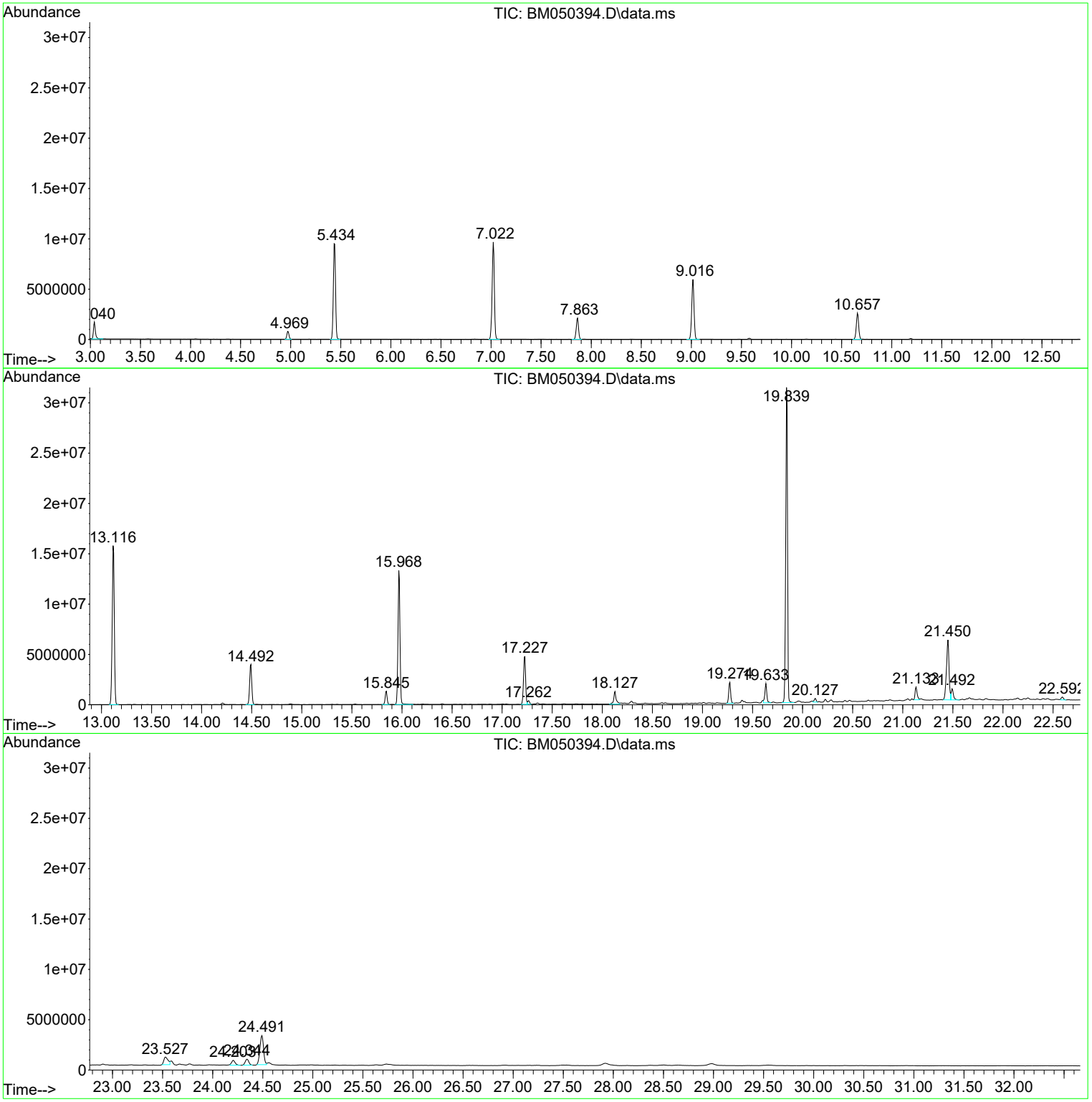
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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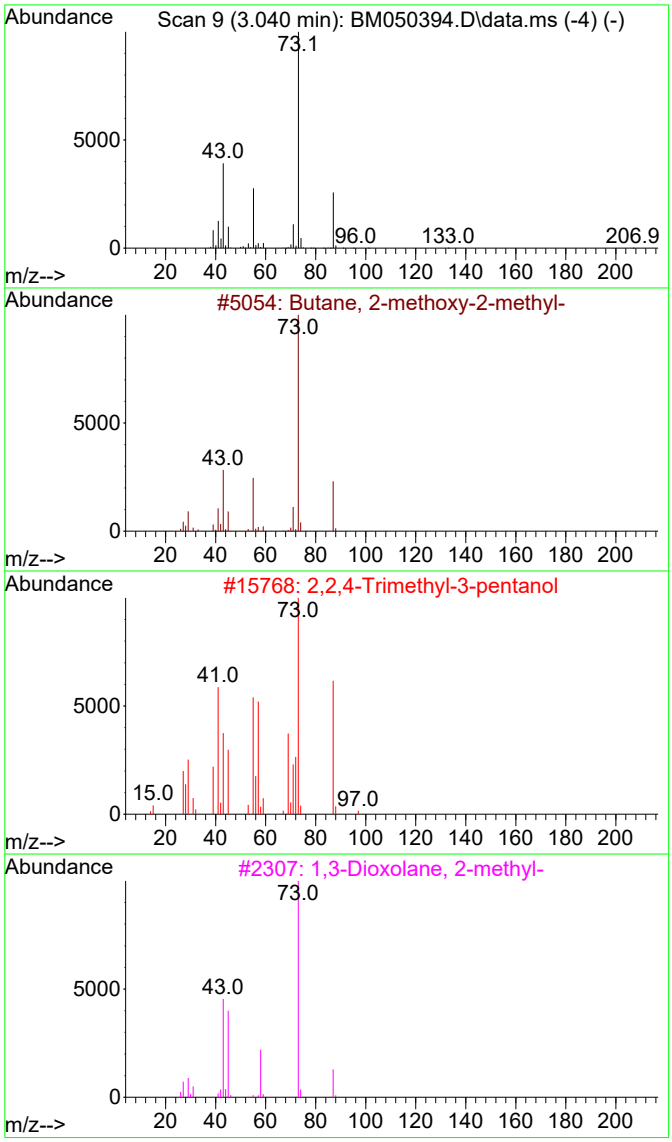
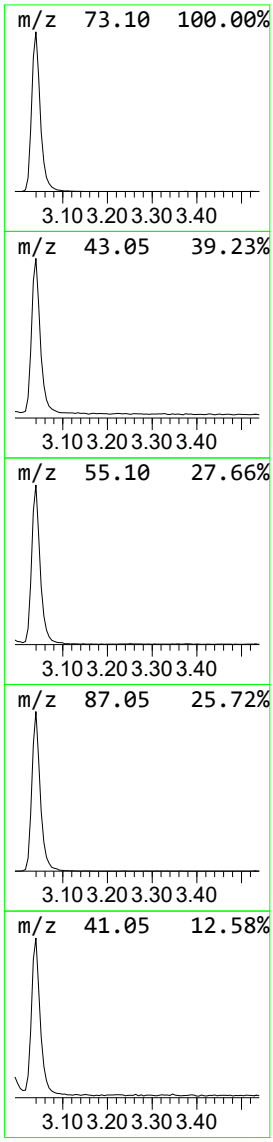
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	13.54 ng	2233460	1,4-Dichlorobenzene-d4	7.863

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	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16





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Instrument :
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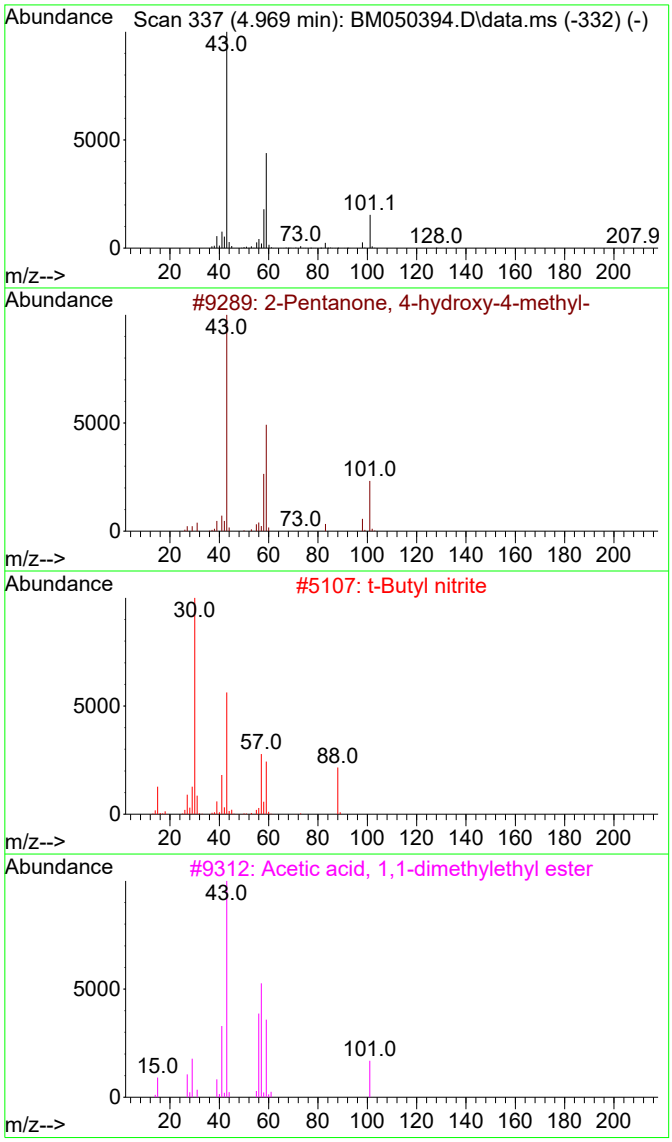
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

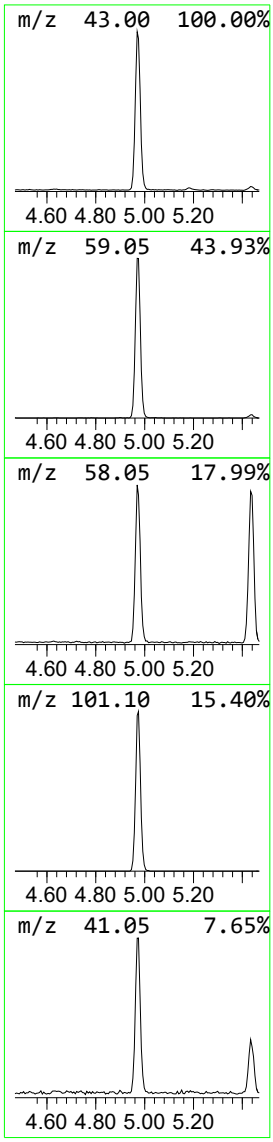
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	6.82 ng	1125170	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Sample : Q2543-02
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BNA_M
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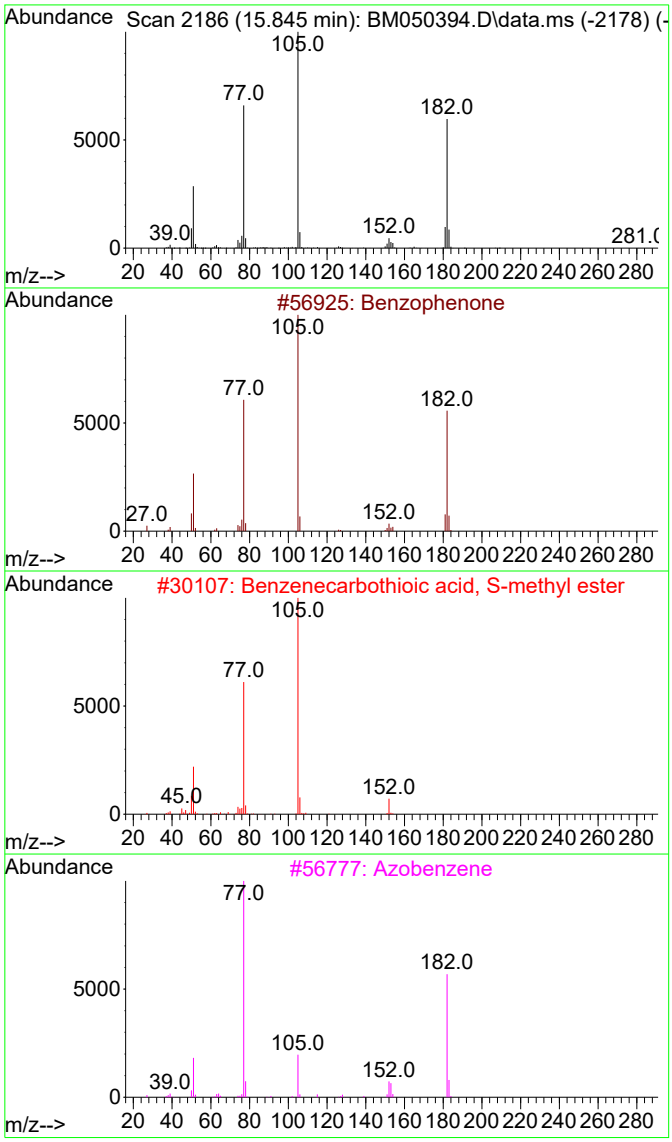
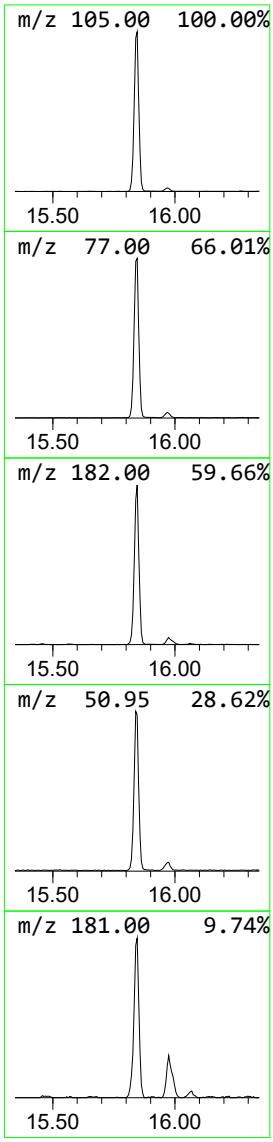
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	6.21 ng	1817450	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





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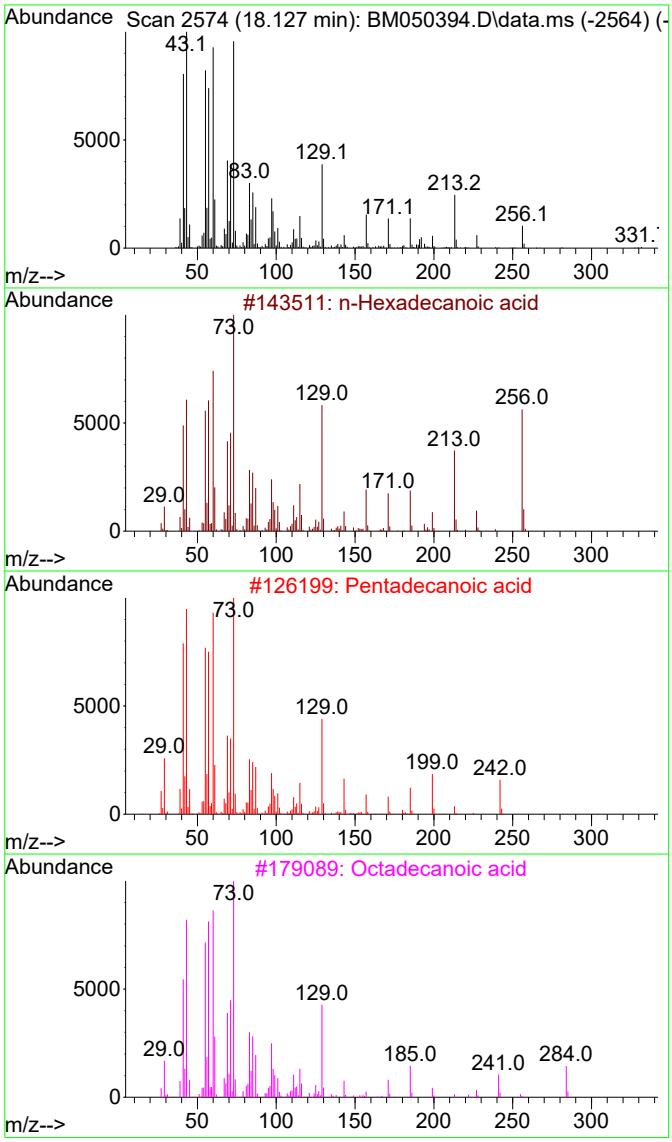
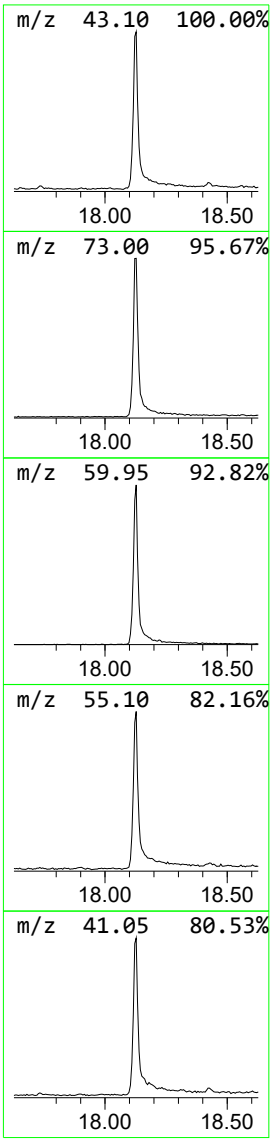
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	6.06 ng	2107380	Phenanthrene-d10	17.221

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	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Instrument :
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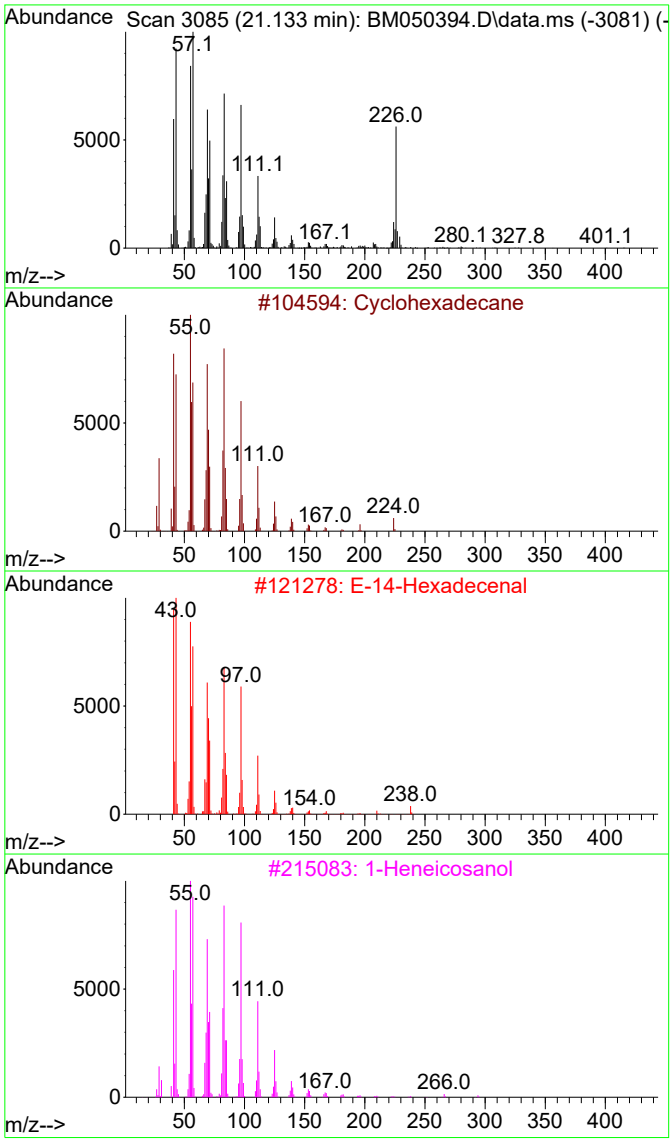
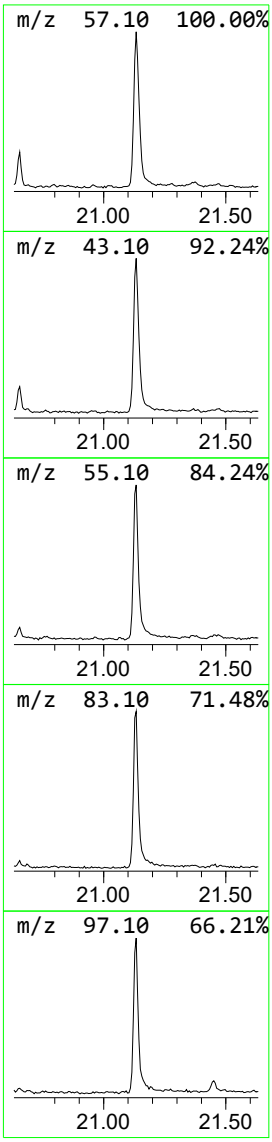
Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	3.44 ng	1855250	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	89
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	89





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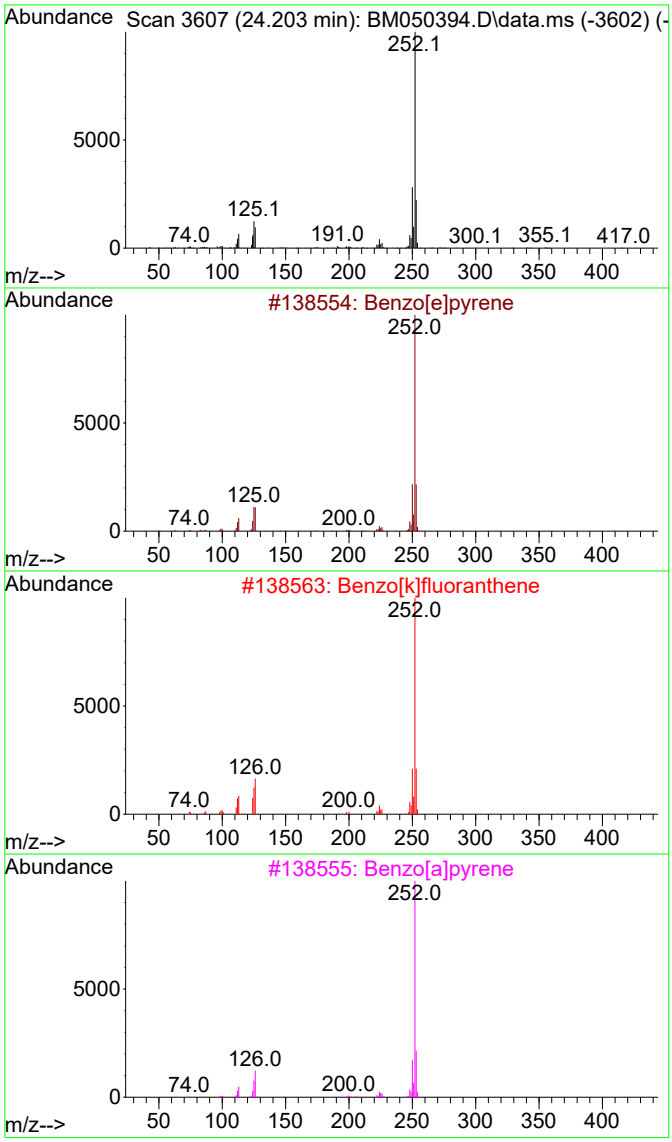
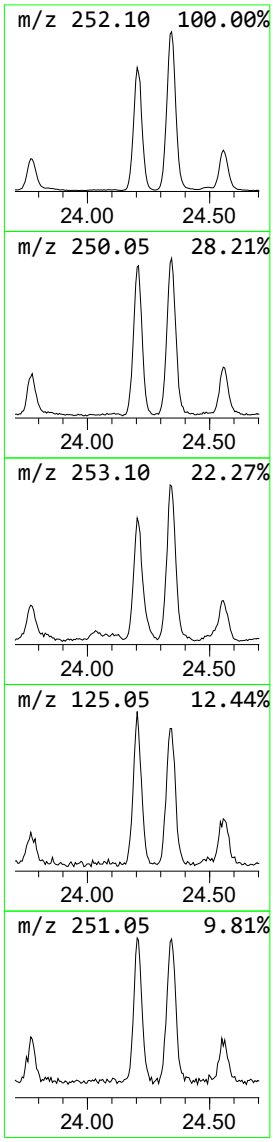
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.203	3.28 ng	1188380	Perylene-d12	24.491

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	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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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...	3.040	13.5	ng	2233460	1	7.863	3297920	20.0
2-Pentanone, 4-...	4.969	6.8	ng	1125170	1	7.863	3297920	20.0
Benzophenone	15.845	6.2	ng	1817450	3	14.492	5851190	20.0
n-Hexadecanoic ...	18.127	6.1	ng	2107380	4	17.221	6951200	20.0
Cyclohexadecane	21.133	3.4	ng	1855250	5	21.451	10794200	20.0
Benzo[e]pyrene	24.203	3.3	ng	1188380	6	24.491	7238010	20.0