LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143533.D
Acq On : 21 Aug 2025 16:38
Operator : RC/JU
Sample : Q2819-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22BP-N

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	6	15	27	rVB	1032942	1665288	45.81%	6.850%
2	5.169	497	506	526	rBV	211043	356788	9.82%	1.468%
3	5.569	568	574	595	rBV	2202785	3105955	85.44%	12.776%
4	6.563	736	743	771	rBV	2171013	3220531	88.60%	13.248%
5	6.928	799	805	813	rBV	519441	668759	18.40%	2.751%
6	7.486	893	900	905	rBV	1550100	2123310	58.41%	8.734%
7	8.204	1017	1022	1039	rBV	664829	871656	23.98%	3.586%
8	9.280	1199	1205	1210	rBV	2810731	3635110	100.00%	14.953%
9	9.963	1316	1321	1333	rVB	738154	920932	25.33%	3.788%
10	10.674	1437	1442	1450	rBV	329456	414067	11.39%	1.703%
11	10.751	1450	1455	1471	rBV	1498893	2015856	55.46%	8.292%
12	10.980	1485	1494	1502	rVB	43762	57401	1.58%	0.236%
13	11.451	1569	1574	1592	rBV	607528	846808	23.30%	3.483%
14	11.974	1656	1663	1675	rBV4	31384	70423	1.94%	0.290%
15	12.668	1776	1781	1784	rBV	79370	103462	2.85%	0.426%
16	12.898	1815	1820	1834	rVB	64138	105610	2.91%	0.434%
17	13.033	1838	1843	1854	rBV	1961909	2549011	70.12%	10.485%
18	13.980	1994	2004	2015	rBV7	15076	73280	2.02%	0.301%
19	14.092	2018	2023	2037	rVB	454640	683369	18.80%	2.811%
20	15.157	2199	2204	2210	rBV	36885	84442	2.32%	0.347%
21	15.592	2272	2278	2289	rBV	430868	696618	19.16%	2.866%
22	16.056	2352	2357	2364	rVB	24141	41488	1.14%	0.171%

Sum of corrected areas: 24310164

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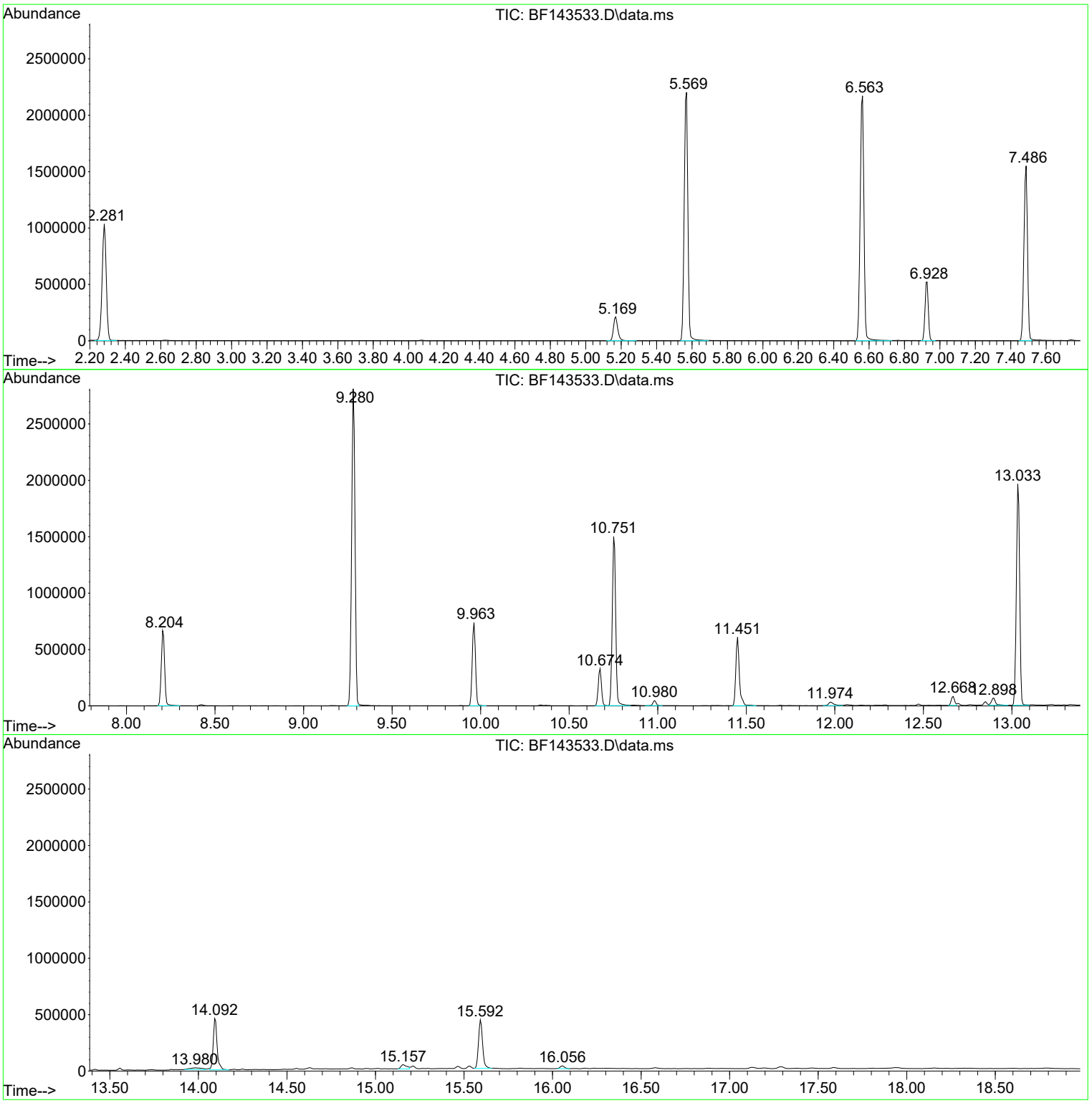
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

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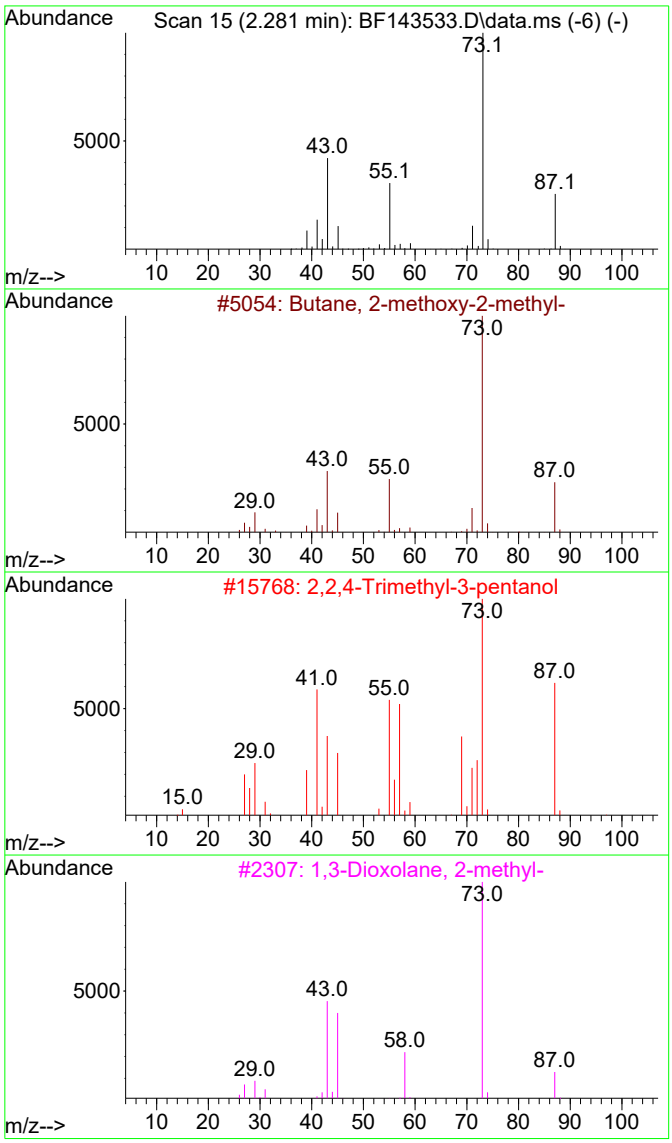
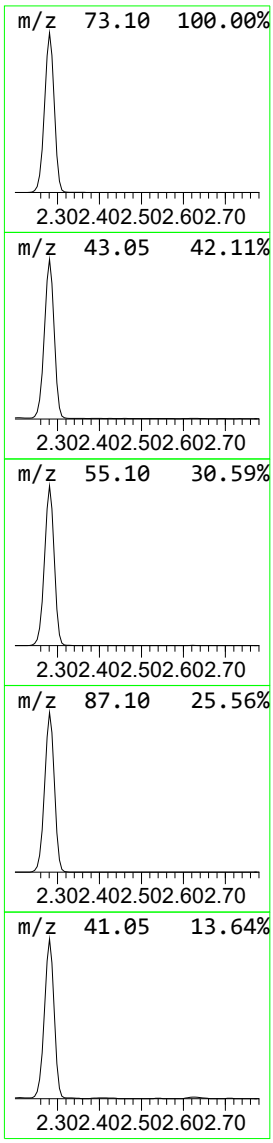
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	49.80 ng	1665290	1,4-Dichlorobenzene-d4	6.928

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	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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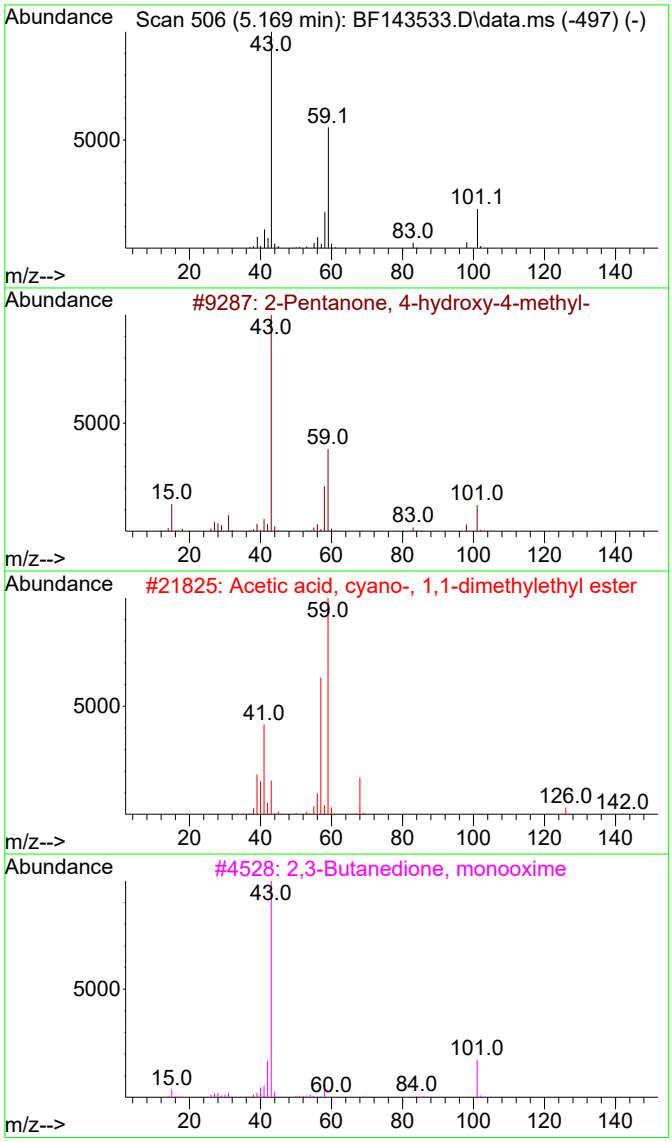
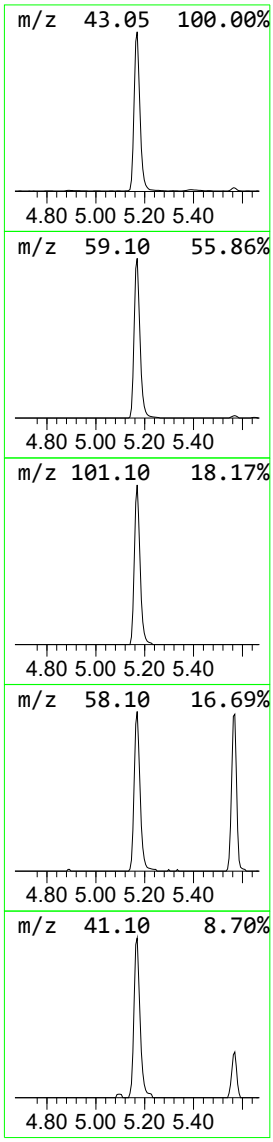
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	10.67 ng	356788	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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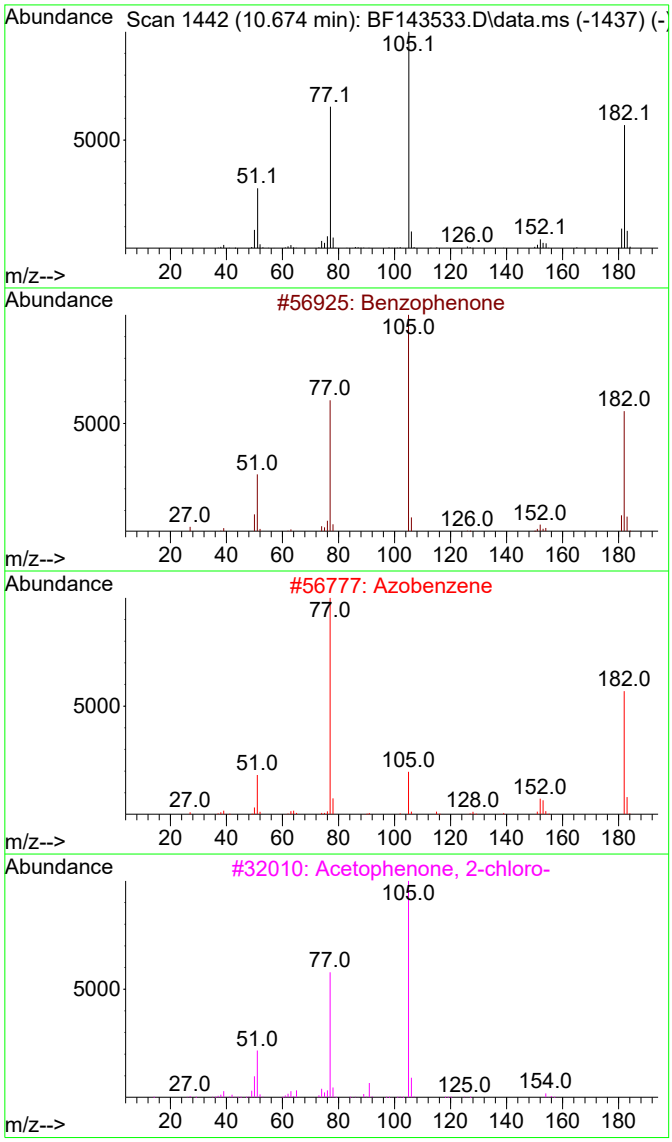
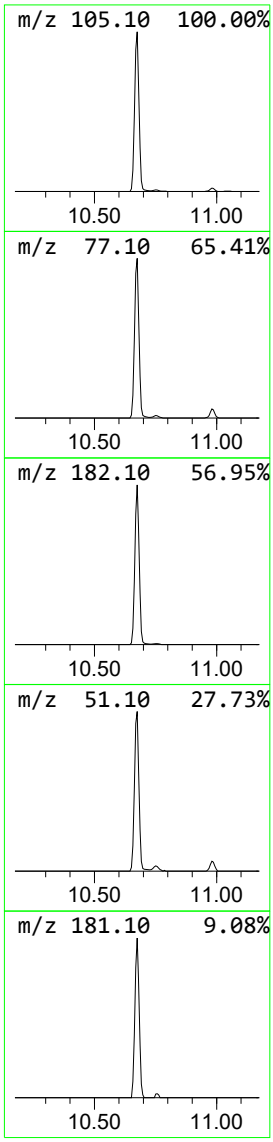
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.674	8.99 ng	414067	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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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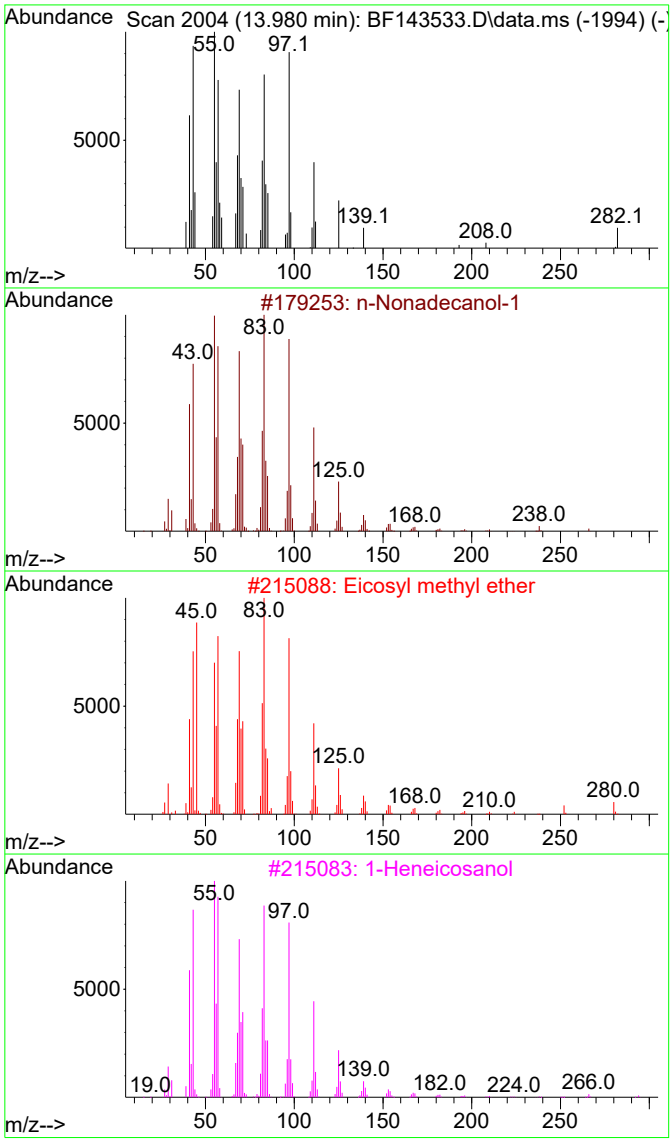
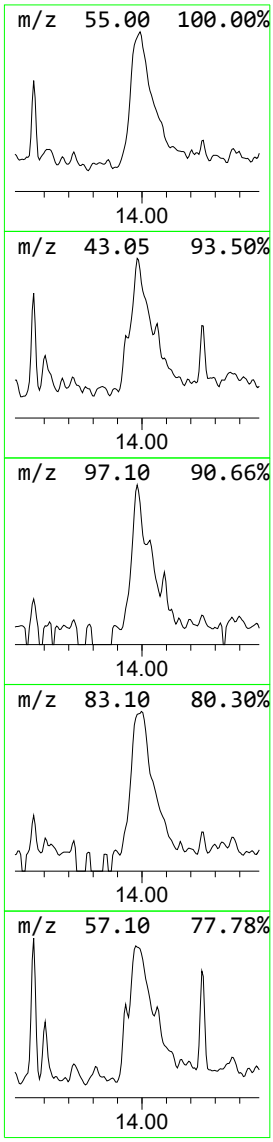
Peak Number 4 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	2.14 ng	73280	Chrysene-d12	14.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
2	Eicosyl methyl ether	312	C21H44O	1000406-29-4	87
3	1-Heneicosanol	312	C21H44O	015594-90-8	81
4	1-Octadecanol	270	C18H38O	000112-92-5	74
5	Behenic alcohol	326	C22H46O	000661-19-8	74





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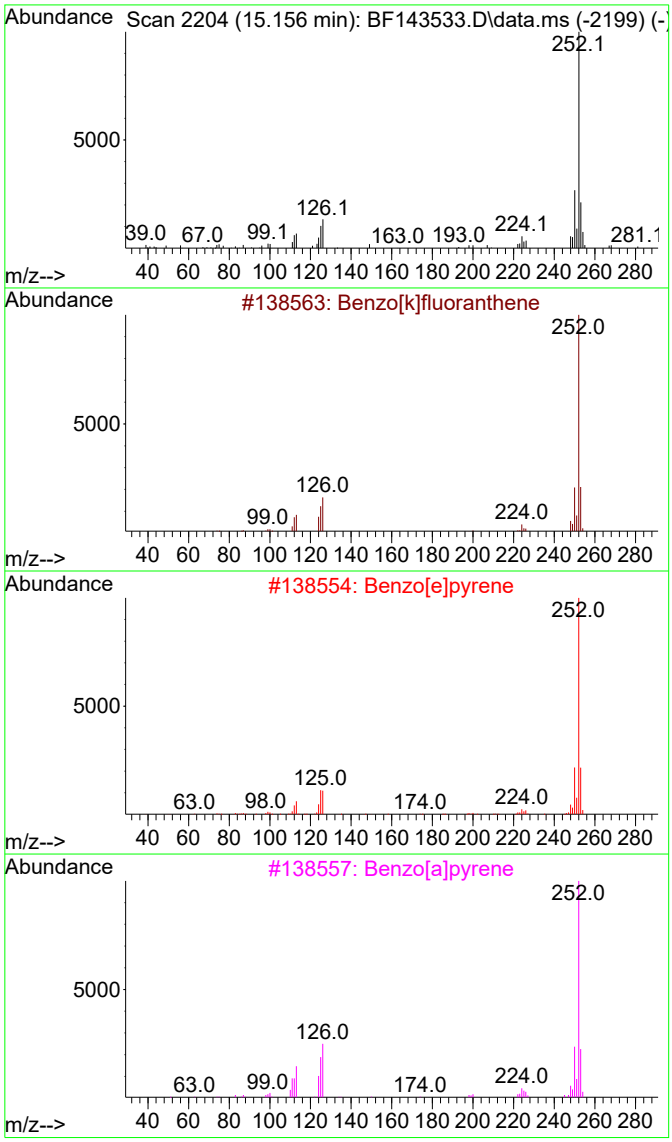
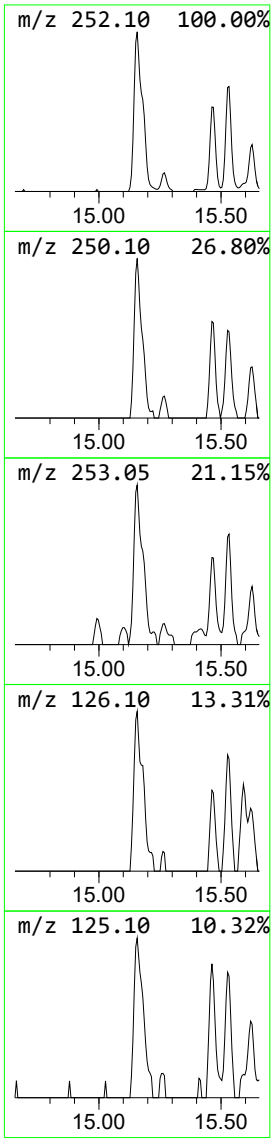
Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	2.42 ng	84442	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	87





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...	2.281	49.8	ng	1665290	1	6.928	668759	20.0
2-Pentanone, 4-...	5.169	10.7	ng	356788	1	6.928	668759	20.0
Benzophenone	10.674	9.0	ng	414067	3	9.963	920932	20.0
n-Nonadecanol-1	13.980	2.1	ng	73280	5	14.092	683369	20.0
Benzo[e]pyrene	15.156	2.4	ng	84442	6	15.592	696618	20.0