LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140299.D
Acq On : 08 Nov 2024 15:24
Operator : RC/JU
Sample : P4737-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140299.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	3	10	19	rVB	1608963	2582135	84.76%	11.012%
2	2.263	23	29	36	rVB2	37375	61320	2.01%	0.262%
3	5.098	500	511	523	rBV	75542	116420	3.82%	0.496%
4	5.492	572	578	584	rBV	1940056	2616495	85.89%	11.158%
5	6.498	743	749	766	rVB	1970072	2705604	88.82%	11.539%
6	6.875	808	813	819	rBV	626896	777435	25.52%	3.316%
7	7.434	902	908	914	rBV	1299330	1730866	56.82%	7.382%
8	7.686	946	951	957	rVB	43724	54306	1.78%	0.232%
9	8.157	1025	1031	1036	rBV	798513	982622	32.26%	4.191%
10	8.369	1063	1067	1070	rBV	30214	41237	1.35%	0.176%
11	9.233	1208	1214	1219	rBV	2405436	3046322	100.00%	12.992%
12	9.916	1324	1330	1344	rVB	834053	1048482	34.42%	4.471%
13	10.627	1446	1451	1458	rBV	344130	428828	14.08%	1.829%
14	10.704	1458	1464	1480	rBV	1321687	1705271	55.98%	7.272%
15	11.404	1578	1583	1590	rBV	731541	916779	30.09%	3.910%
16	11.933	1667	1673	1695	rBV2	177145	348770	11.45%	1.487%
17	12.716	1802	1806	1816	rBV2	38183	82583	2.71%	0.352%
18	12.992	1848	1853	1860	rBV	1940650	2506645	82.28%	10.690%
19	13.898	2002	2007	2018	rBV	148026	293783	9.64%	1.253%
20	14.057	2029	2034	2041	rVB	599605	799861	26.26%	3.411%
21	15.574	2287	2292	2301	rVB	376912	602720	19.79%	2.570%

Sum of corrected areas: 23448484

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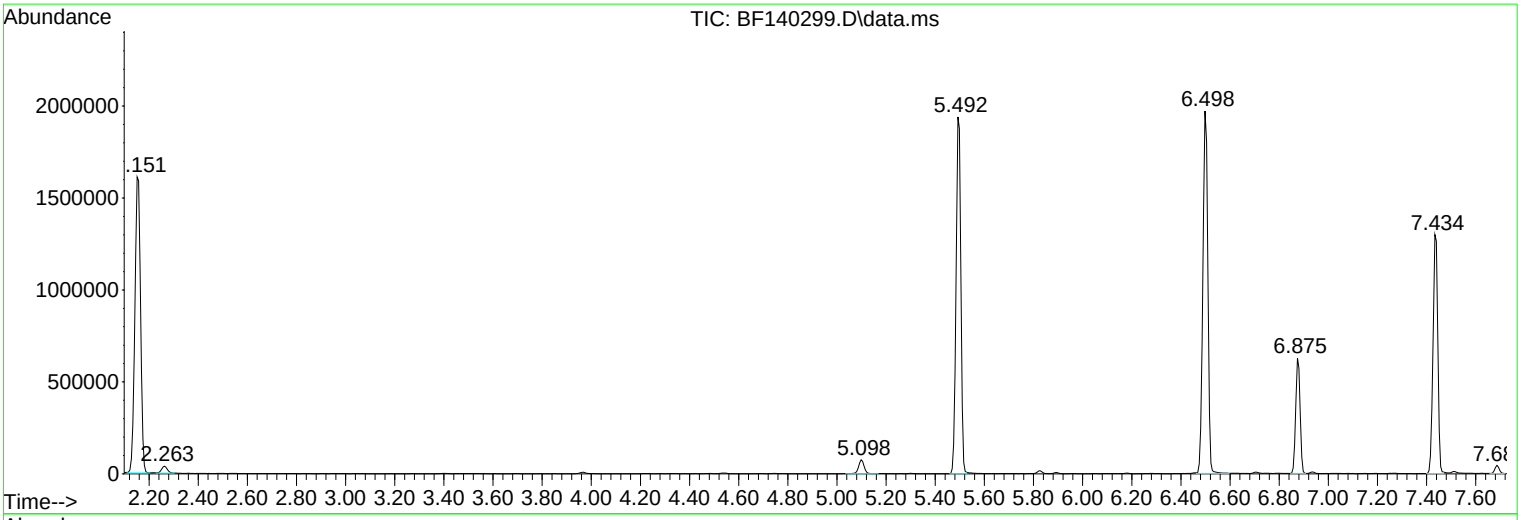
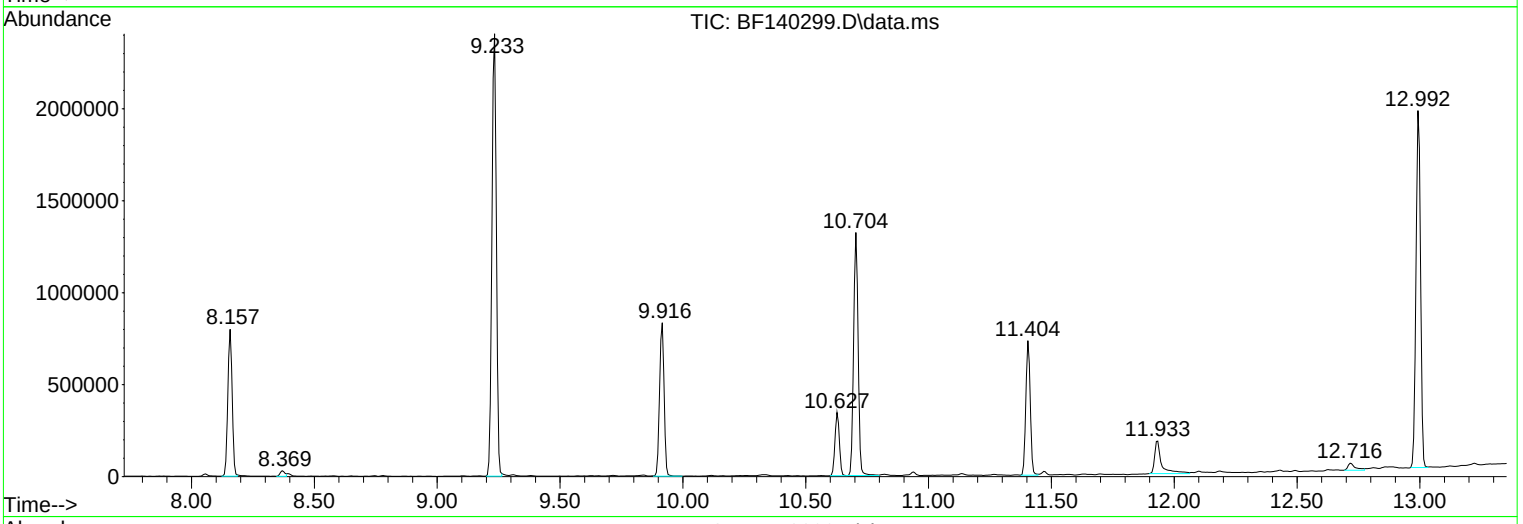
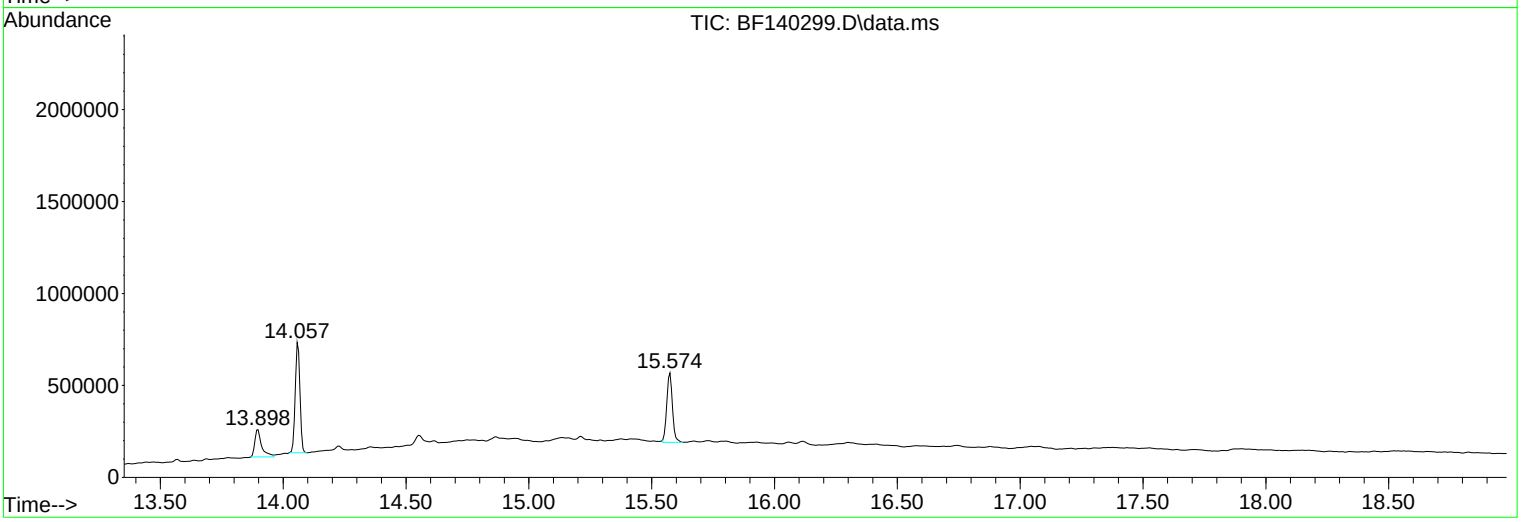
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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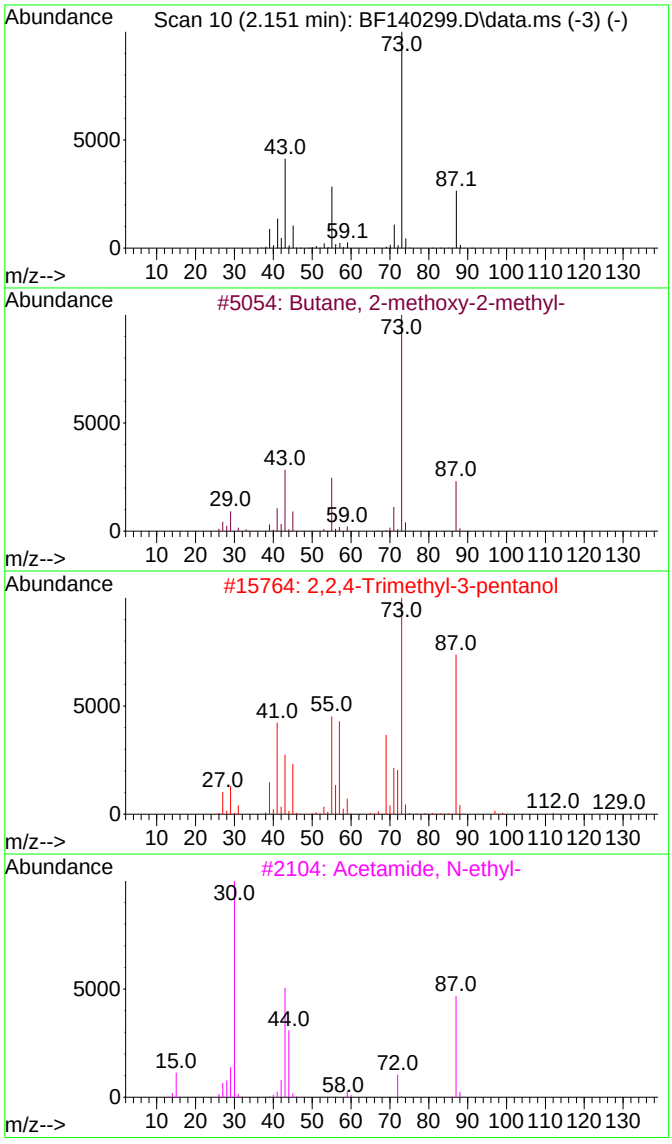
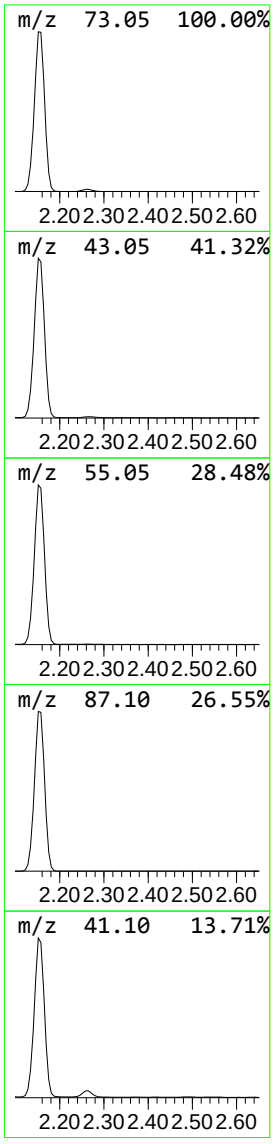
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	66.43 ng	2582140	1,4-Dichlorobenzene-d4	6.875

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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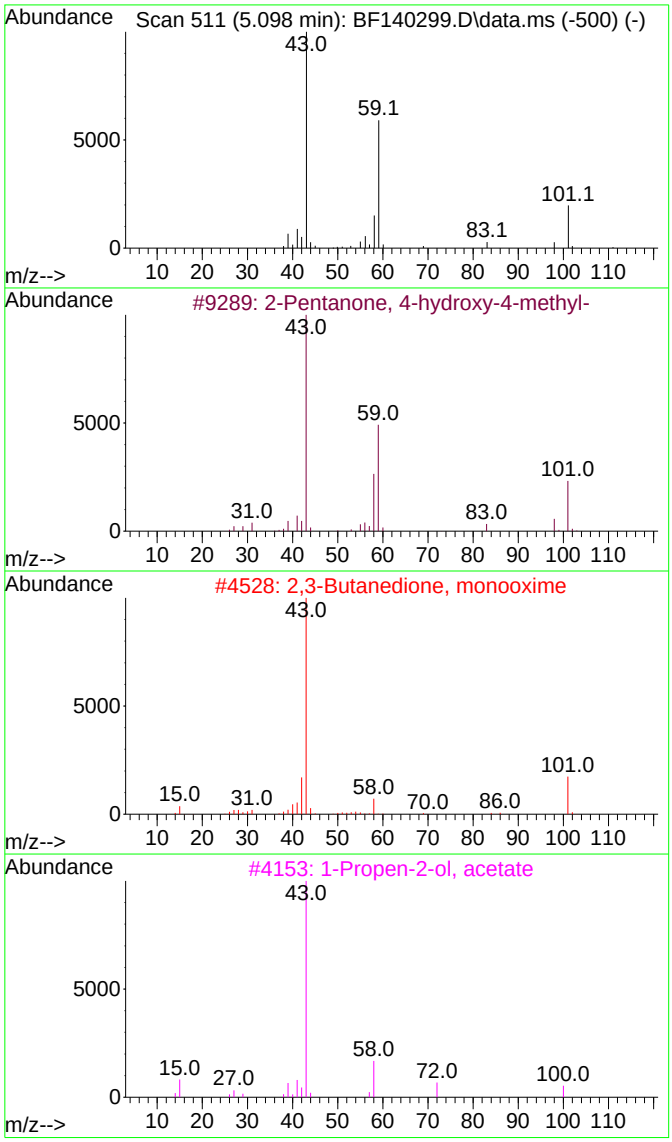
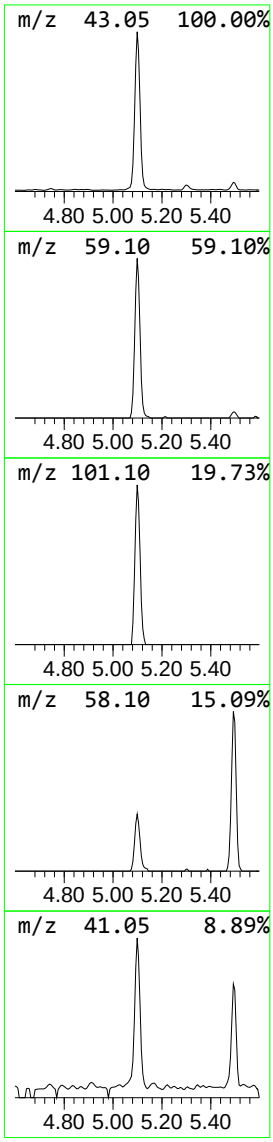
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	2.99 ng	116420	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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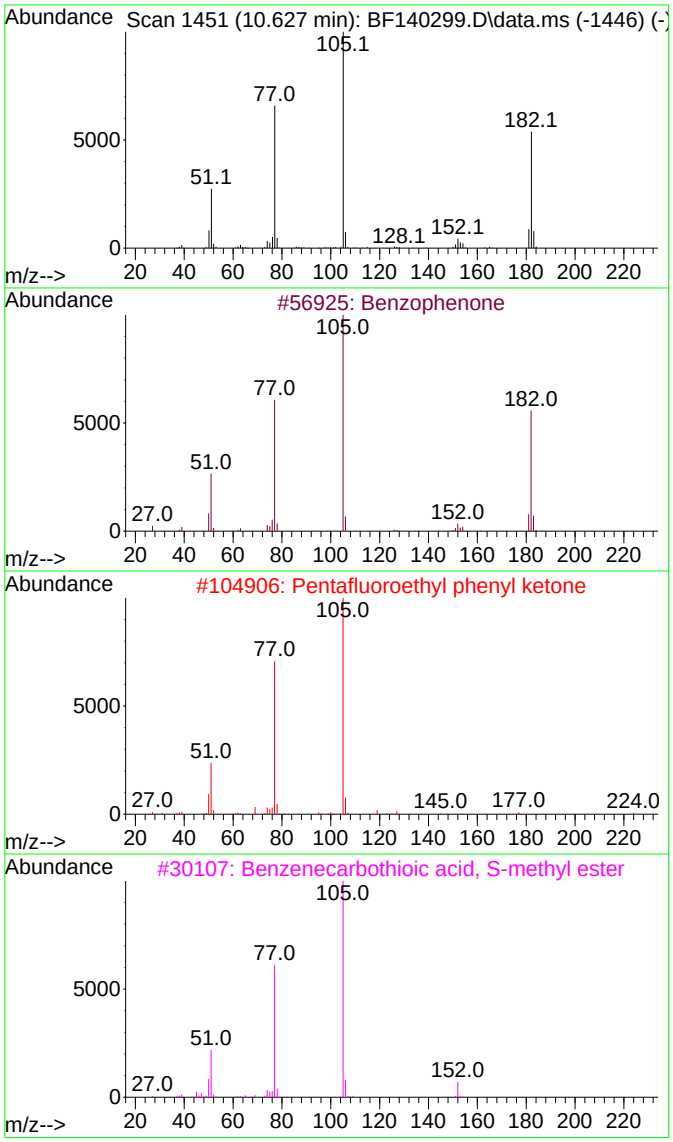
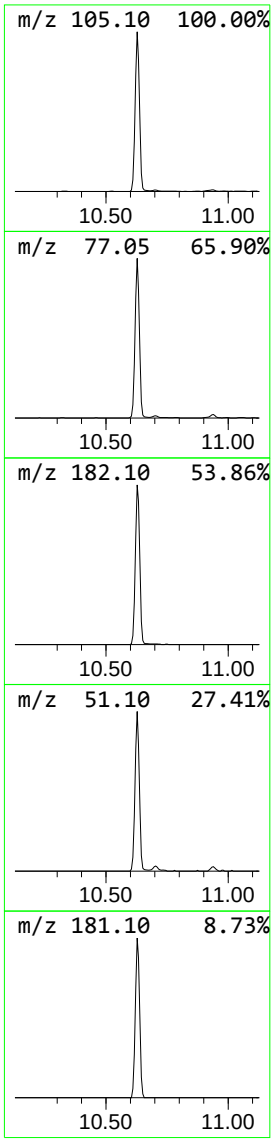
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	8.18 ng	428828	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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Instrument :
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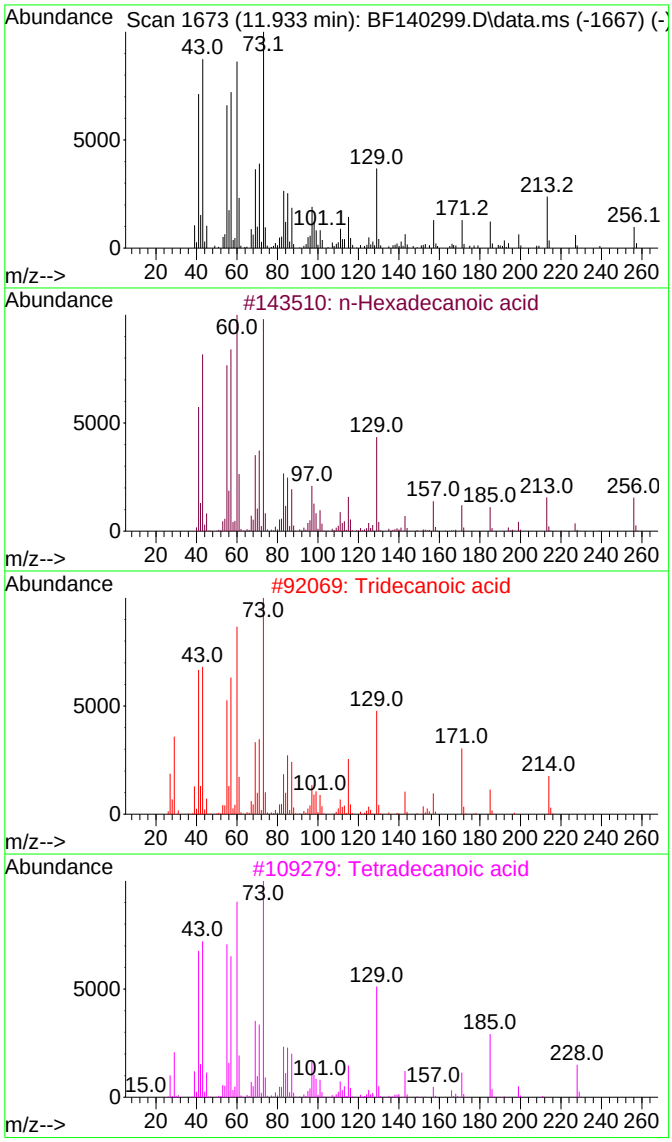
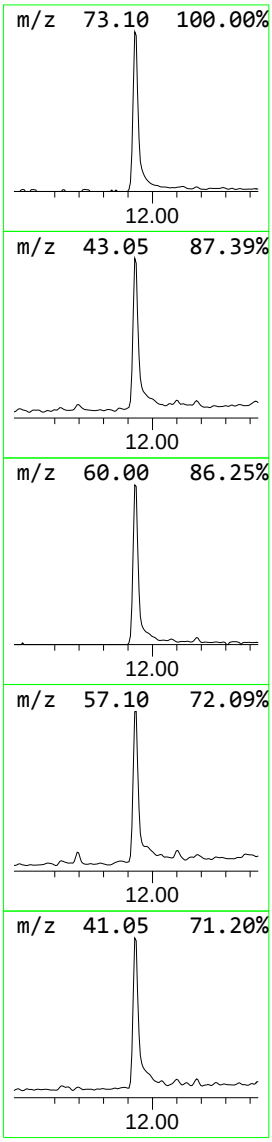
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	7.61 ng	348770	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53





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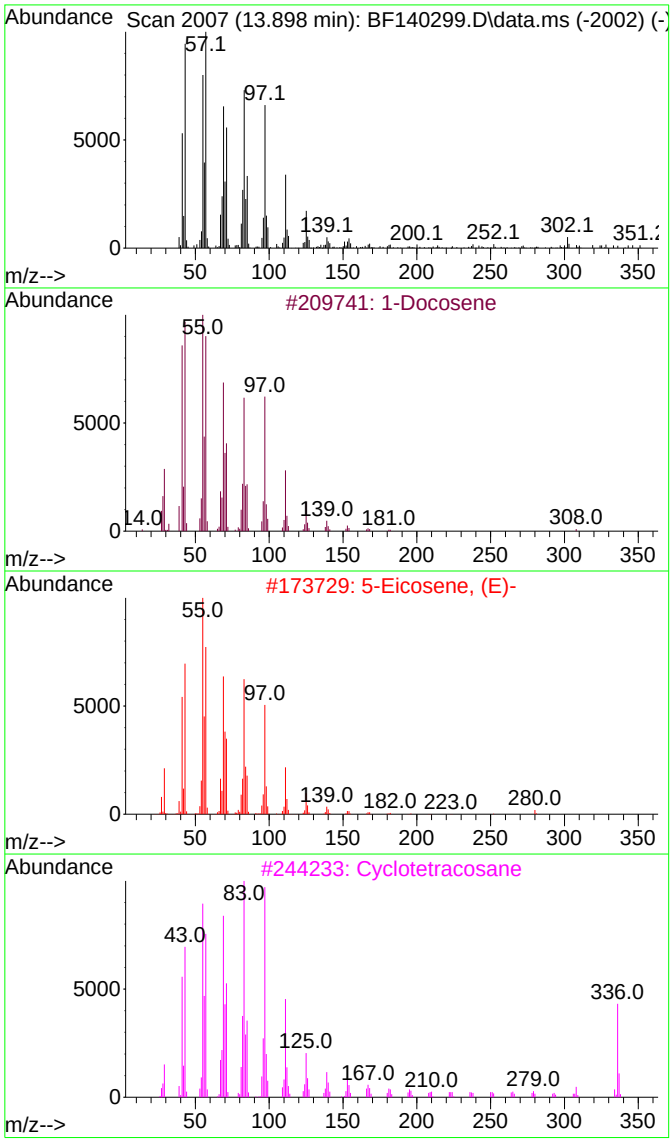
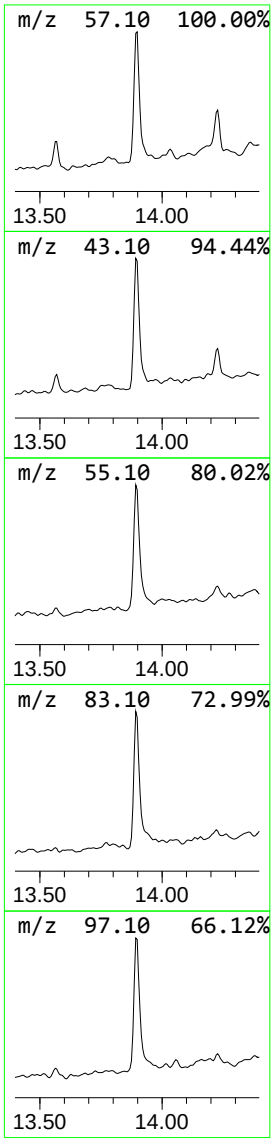
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	7.35 ng	293783	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	1-Tetracosene	336	C24H48	010192-32-2	95
5	1-Octadecene	252	C18H36	000112-88-9	94





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...	2.151	66.4	ng	2582140	1	6.875	777435	20.0
2-Pentanone, 4-...	5.098	3.0	ng	116420	1	6.875	777435	20.0
Benzophenone	10.627	8.2	ng	428828	3	9.916	1048480	20.0
n-Hexadecanoic ...	11.933	7.6	ng	348770	4	11.404	916779	20.0
1-Docosene	13.898	7.3	ng	293783	5	14.057	799861	20.0