LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024700.D
Acq On : 19 May 2025 22:24
Operator : RC/JU
Sample : Q2071-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : L1-WC-8

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_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024700.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	289	295	307	rBV	138103	215944	2.78%	0.557%
2	5.293	369	375	391	rBV	1467191	2294618	29.53%	5.921%
3	6.863	635	642	664	rBV	1380942	2497278	32.13%	6.444%
4	7.658	769	777	787	rBV	541039	853063	10.98%	2.201%
5	8.805	964	972	993	rBV	908402	1655369	21.30%	4.272%
6	10.428	1240	1248	1262	rBV	694726	1213759	15.62%	3.132%
7	12.898	1661	1668	1693	rBV	2855057	4519716	58.16%	11.664%
8	14.292	1898	1905	1921	rBV	1198748	1769696	22.77%	4.567%
9	15.681	2133	2141	2153	rBV	540551	872512	11.23%	2.252%
10	15.816	2157	2164	2184	rBV	2676776	4406630	56.70%	11.372%
11	16.251	2233	2238	2249	rVB	104841	172823	2.22%	0.446%
12	17.092	2374	2381	2386	rBV2	1375458	2137971	27.51%	5.517%
13	18.028	2528	2540	2550	rBV2	347296	655576	8.44%	1.692%
14	18.886	2681	2686	2692	rBV2	42310	80193	1.03%	0.207%
15	19.216	2737	2742	2749	rBV	154061	244142	3.14%	0.630%
16	19.357	2761	2766	2772	rBV	81475	142096	1.83%	0.367%
17	19.592	2802	2806	2816	rVB	171305	257241	3.31%	0.664%
18	19.798	2836	2841	2855	rBV	6053816	7771332	100.00%	20.055%
19	21.180	3071	3076	3085	rBV	378566	609375	7.84%	1.573%
20	21.510	3125	3132	3138	rBV	1866643	2965349	38.16%	7.652%
21	21.674	3157	3160	3166	rVV	108161	156391	2.01%	0.404%
22	21.745	3170	3172	3179	rVB	110802	147683	1.90%	0.381%
23	22.380	3276	3280	3296	rVB4	111363	310818	4.00%	0.802%
24	24.804	3683	3692	3705	rBV	1014871	2801264	36.05%	7.229%

Sum of corrected areas: 38750839

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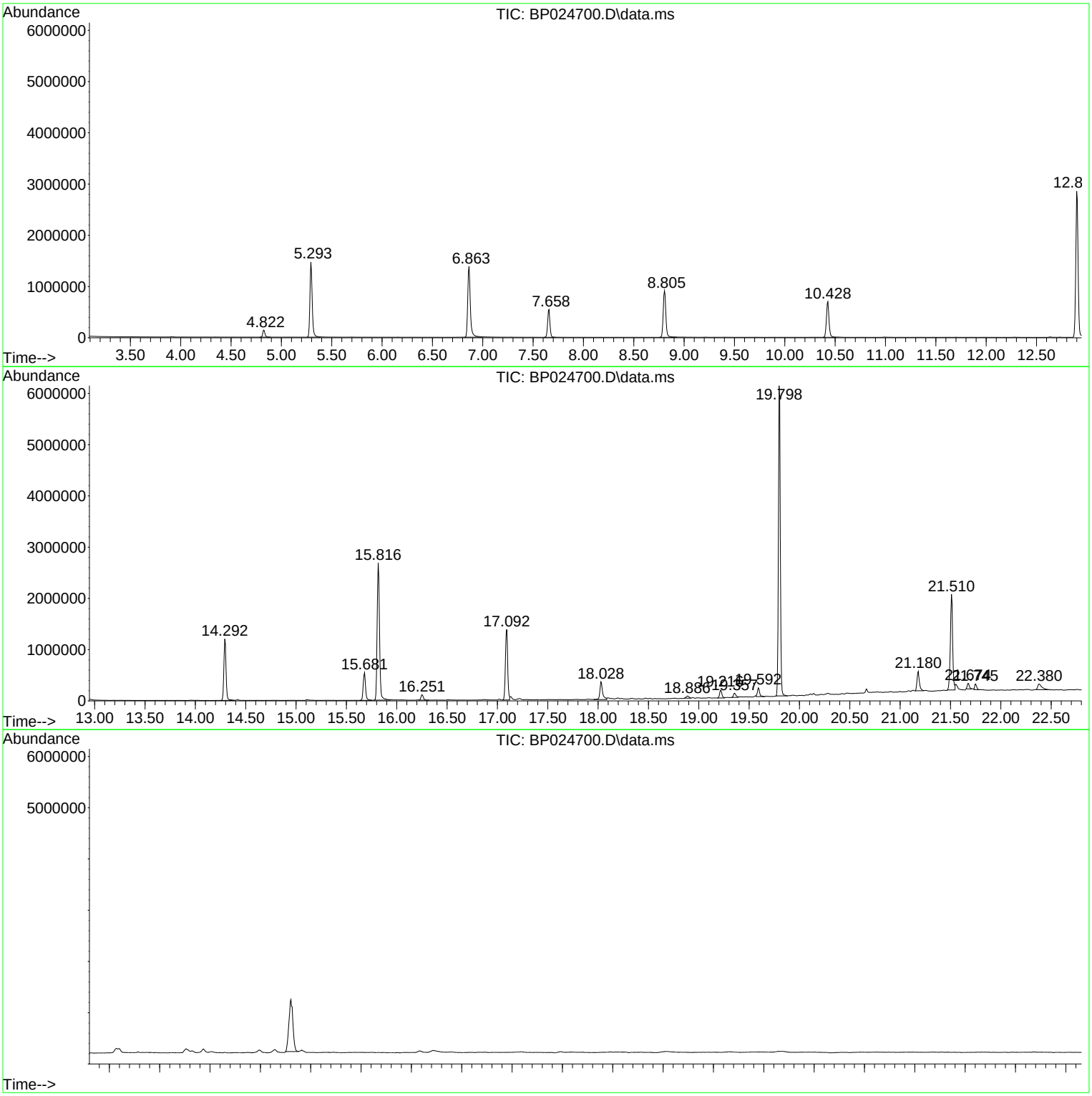
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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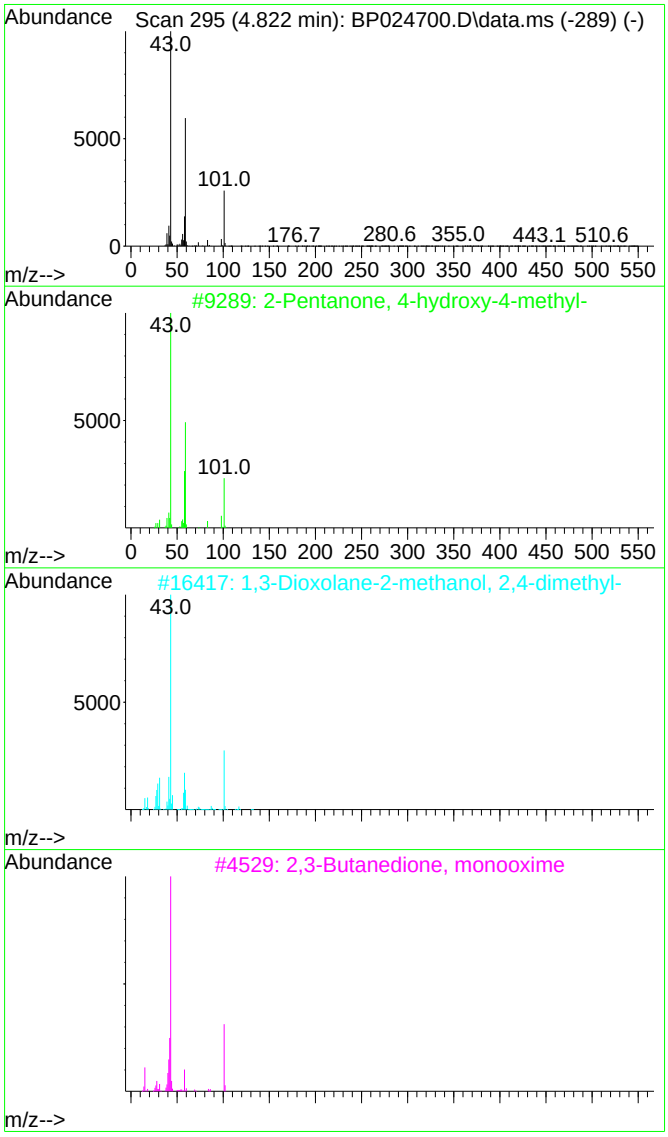
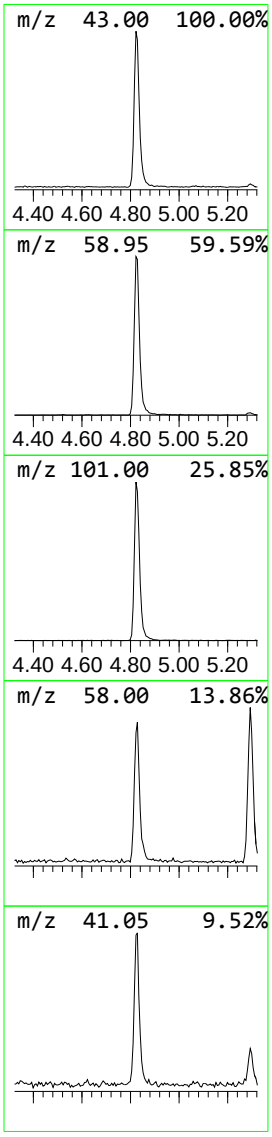
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	5.06 ng	215944	1,4-Dichlorobenzene-d4	7.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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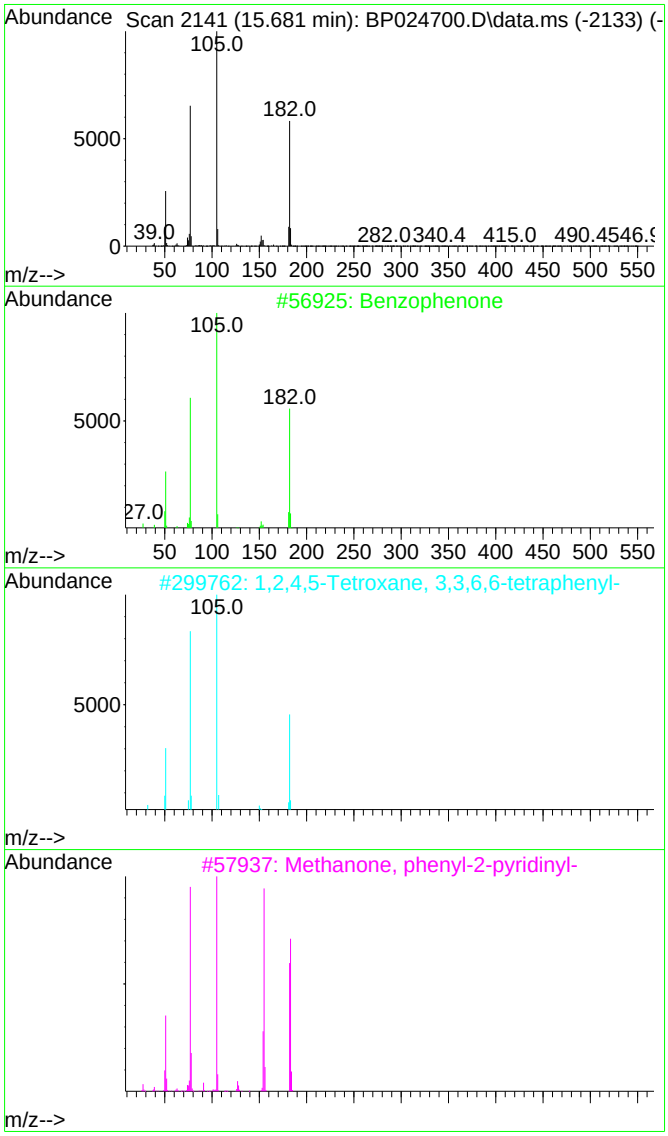
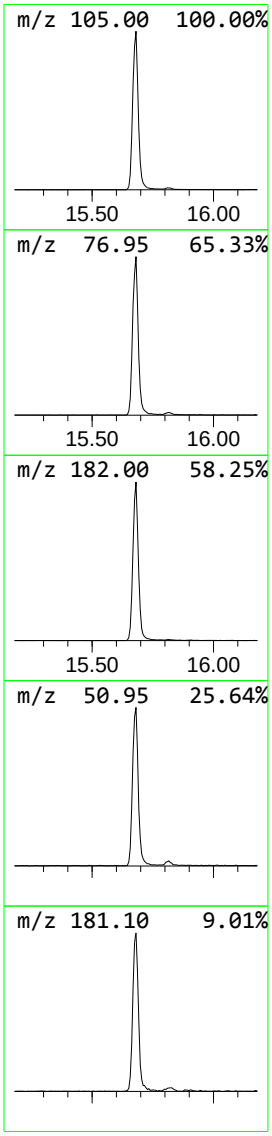
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.681	9.86 ng	872512	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





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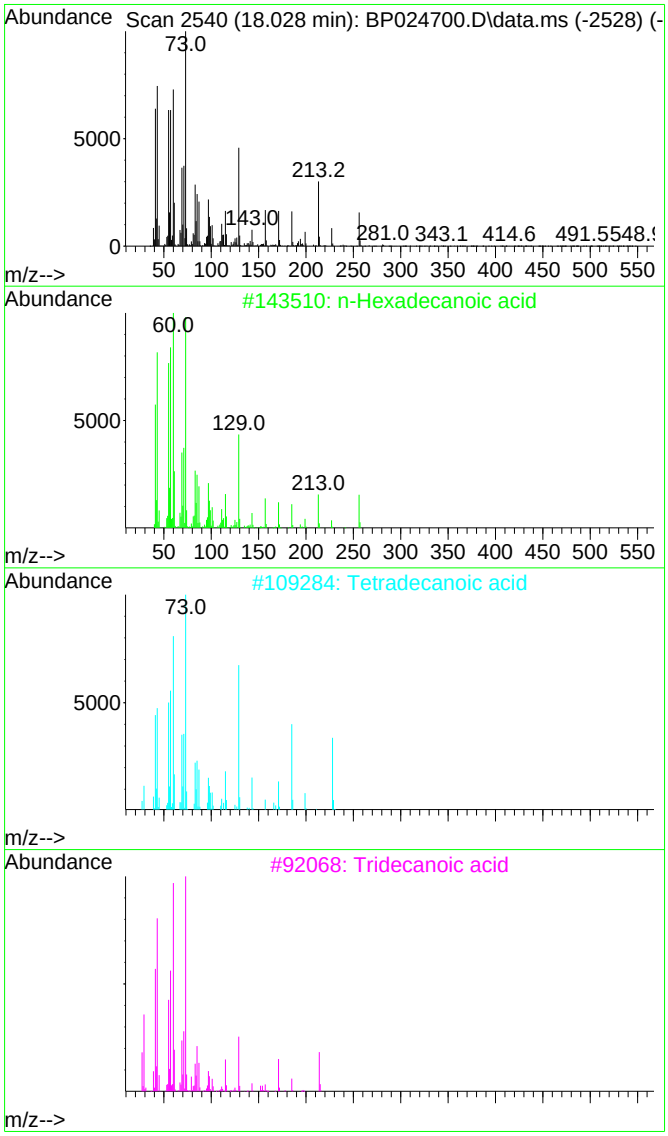
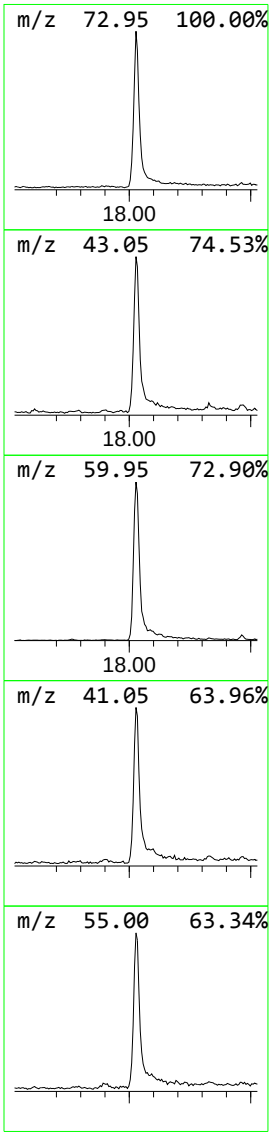
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	6.13 ng	655576	Phenanthrene-d10	17.092

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	78





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Instrument :
BNA_P
ClientSampleId :
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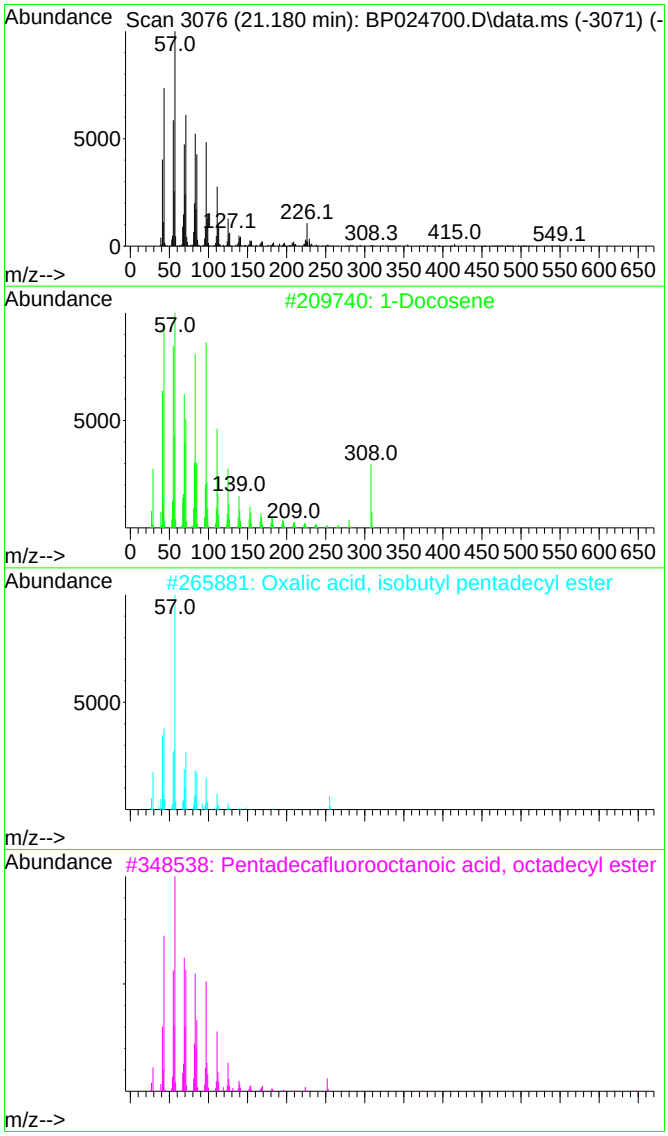
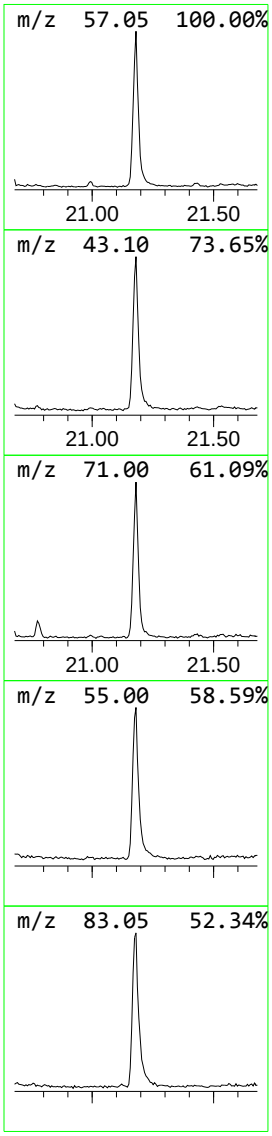
Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	4.11 ng	609375	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	90
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
4	Cyclohexadecane	224	C16H32	000295-65-8	87
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
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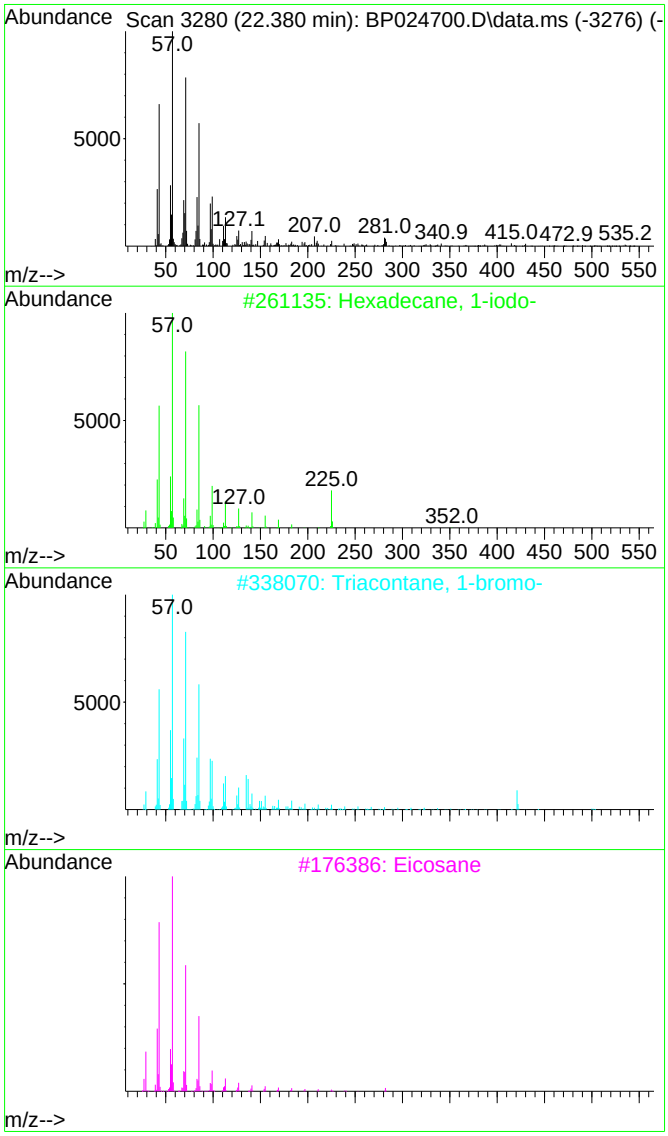
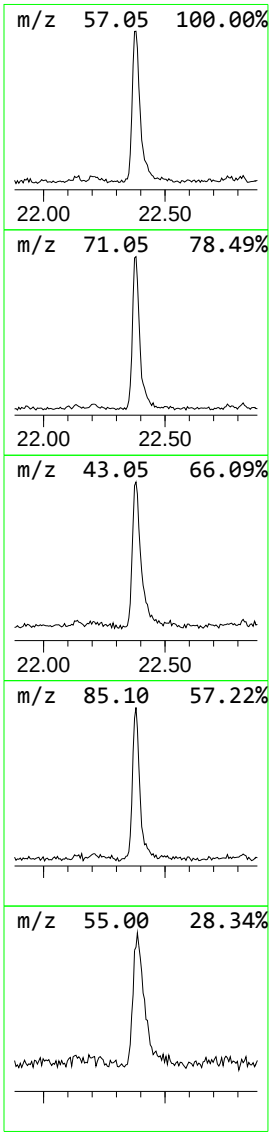
Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.380	2.10 ng	310818	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	93
3	Eicosane	282	C20H42	000112-95-8	89
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.822	5.1	ng	215944	1	7.658	853063	20.0
Benzophenone	15.681	9.9	ng	872512	3	14.293	1769700	20.0
n-Hexadecanoic ...	18.028	6.1	ng	655576	4	17.092	2137970	20.0
1-Docosene	21.180	4.1	ng	609375	5	21.510	2965350	20.0
Hexadecane, 1-i...	22.380	2.1	ng	310818	5	21.510	2965350	20.0