LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001070.D
Acq On : 19 Nov 2019 01:11
Operator : JU
Sample : K5865-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 4-(4-6)

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\8270-BP110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.311	32	38	48	rBV	402056	596574	7.63%	1.207%
2	5.728	611	619	632	rBV	370713	576031	7.36%	1.166%
3	6.299	709	716	720	rBV	2822416	3461829	44.25%	7.006%
4	7.811	965	973	989	rVB	2744372	4009052	51.24%	8.113%
5	8.005	999	1006	1010	rBV	3285057	4052579	51.80%	8.201%
6	8.363	1061	1067	1072	rBV	915466	1033389	13.21%	2.091%
7	8.605	1102	1108	1112	rBV	2866779	3309452	42.30%	6.698%
8	9.240	1208	1216	1220	rBV	1972225	2444439	31.24%	4.947%
9	10.387	1406	1411	1416	rBV	1127451	1334235	17.05%	2.700%
10	12.169	1705	1714	1718	rBV	4939418	5870180	75.03%	11.880%
11	12.834	1822	1827	1832	rBV	541335	593444	7.59%	1.201%
12	13.251	1892	1898	1904	rBV	1486844	1789364	22.87%	3.621%
13	14.545	2111	2118	2131	rBV	3718453	4711566	60.22%	9.535%
14	15.645	2296	2305	2309	rBV	1815487	2122121	27.12%	4.295%
15	15.681	2309	2311	2317	rVB	91556	90257	1.15%	0.183%
16	16.528	2447	2455	2462	rBV2	254329	419556	5.36%	0.849%
17	17.387	2597	2601	2606	rVB	90351	93676	1.20%	0.190%
18	17.616	2637	2640	2645	rBV2	66292	84616	1.08%	0.171%
19	17.692	2649	2653	2657	rVB	153693	167183	2.14%	0.338%
20	17.934	2688	2694	2697	rBV	6915666	7823517	100.00%	15.833%
21	19.181	2902	2906	2918	rVB4	168314	419642	5.36%	0.849%
22	19.286	2919	2924	2928	rVV	1961846	2148777	27.47%	4.349%
23	19.322	2928	2930	2937	rVB2	115139	146119	1.87%	0.296%
24	20.428	3115	3118	3123	rVB2	134794	154479	1.97%	0.313%
25	20.745	3169	3172	3176	rBV2	64782	80883	1.03%	0.164%
26	21.069	3221	3227	3236	rVB	1308720	1879914	24.03%	3.805%

Sum of corrected areas: 49412874

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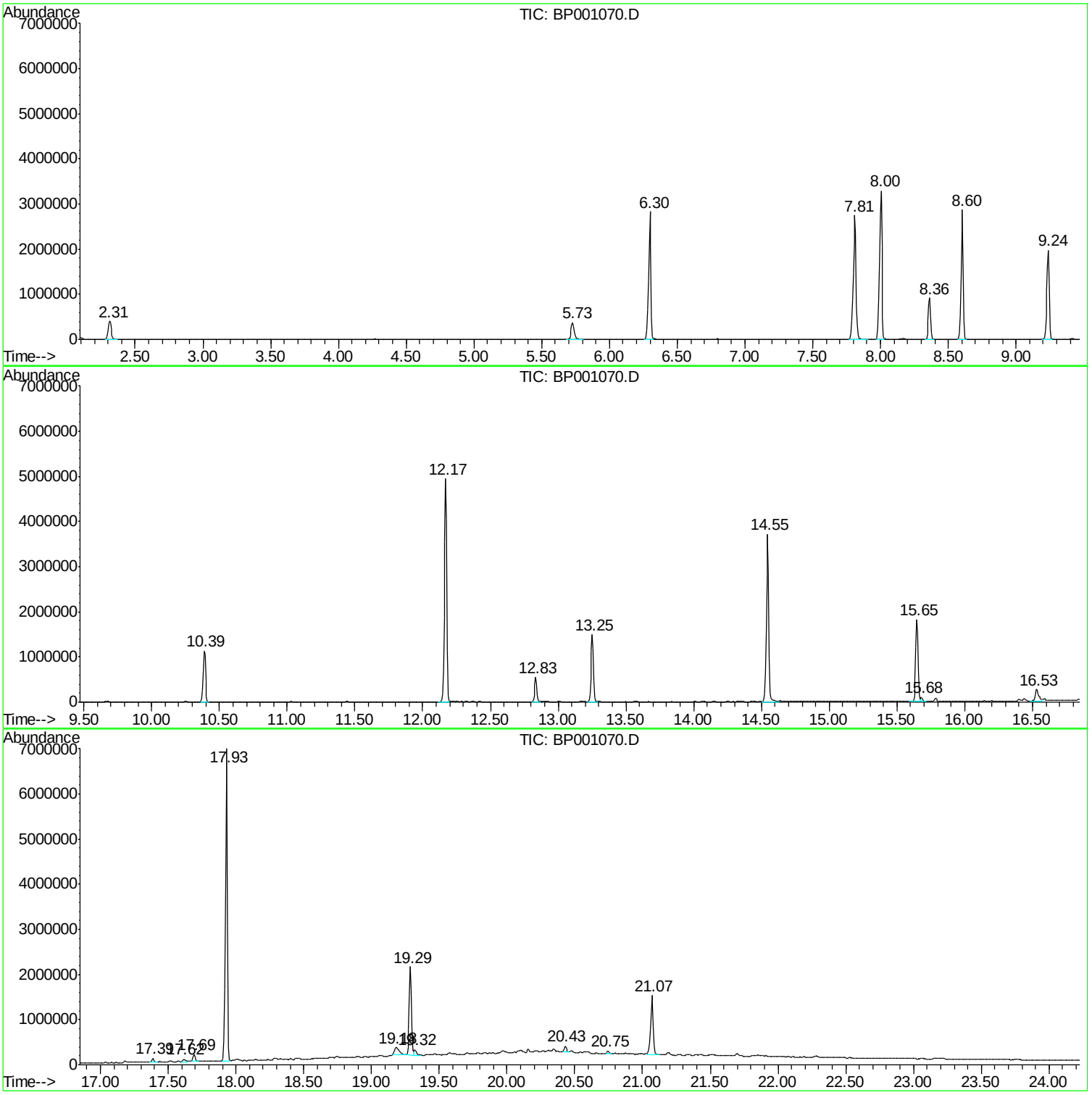
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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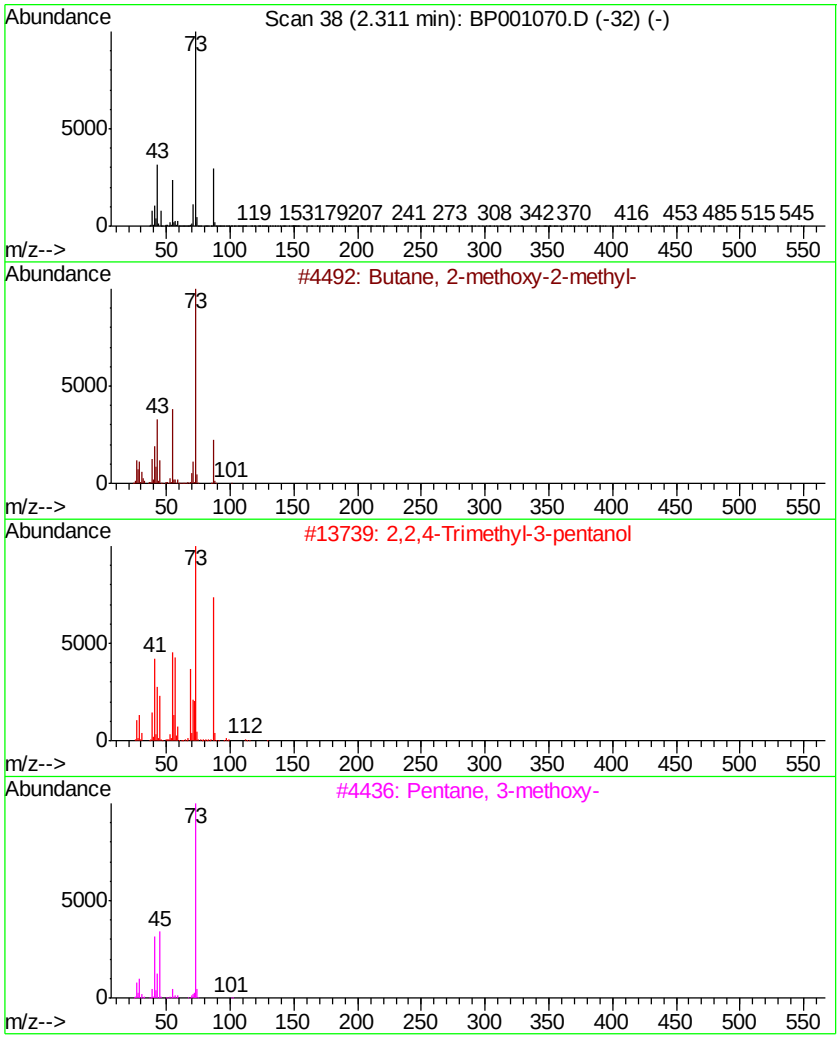
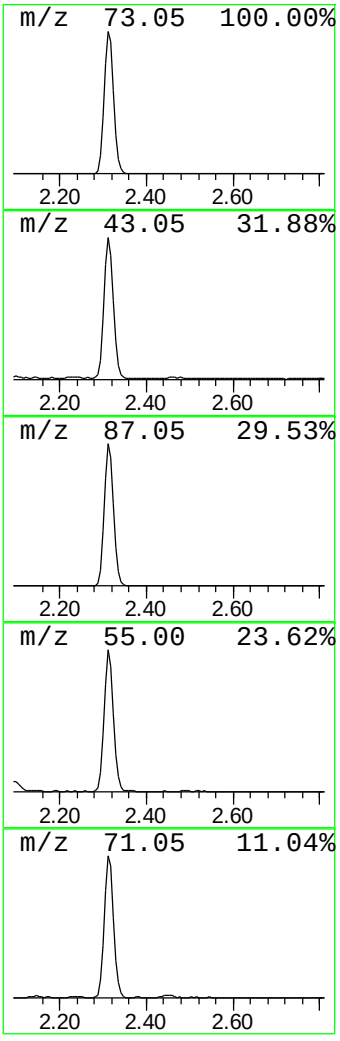
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	11.55 ng	596574	1,4-Dichlorobenzene-d4	8.36

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Instrument : BNA_P
ClientSampleId : 4-(4-6)

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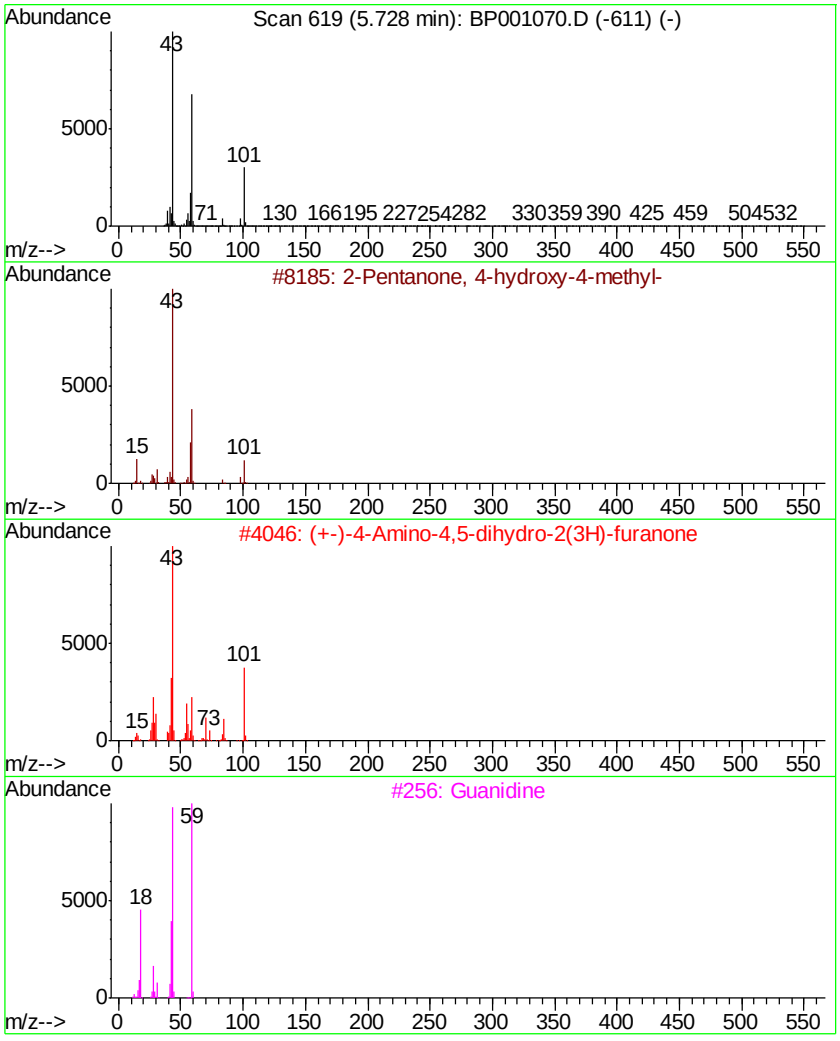
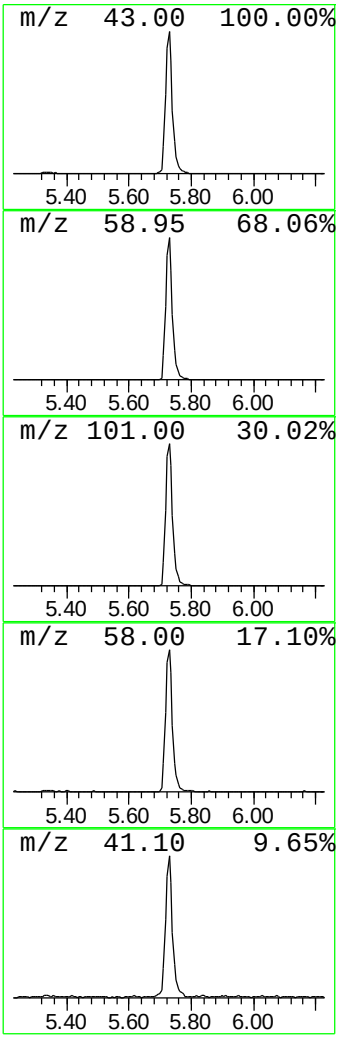
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	11.15 ng	576031	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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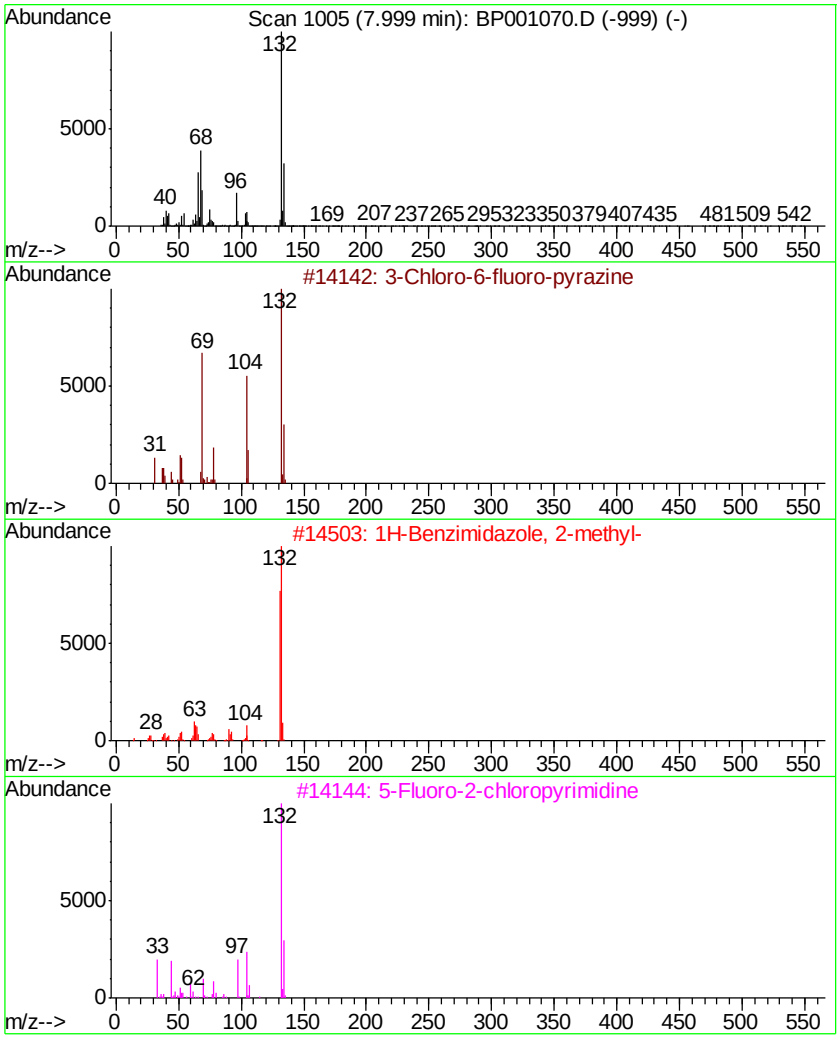
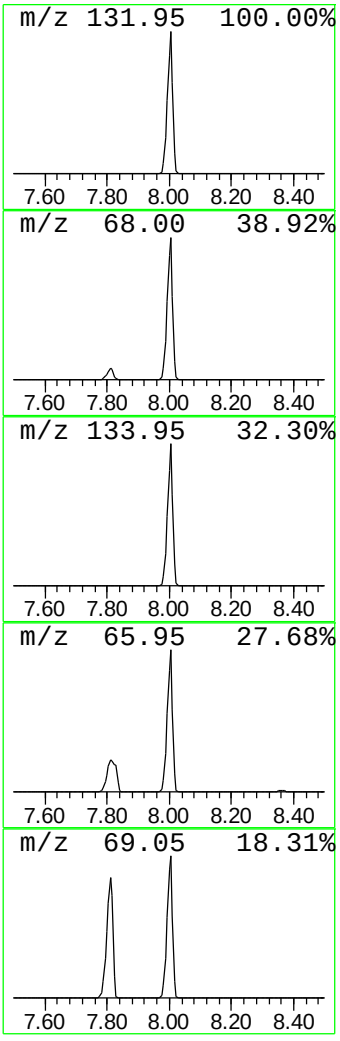
Peak Number 3 unknown8.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	78.43 ng	4052580	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
5	5-Aminoindole	132	C8H8N2	005192-03-0	16





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ClientSampleId : 4-(4-6)

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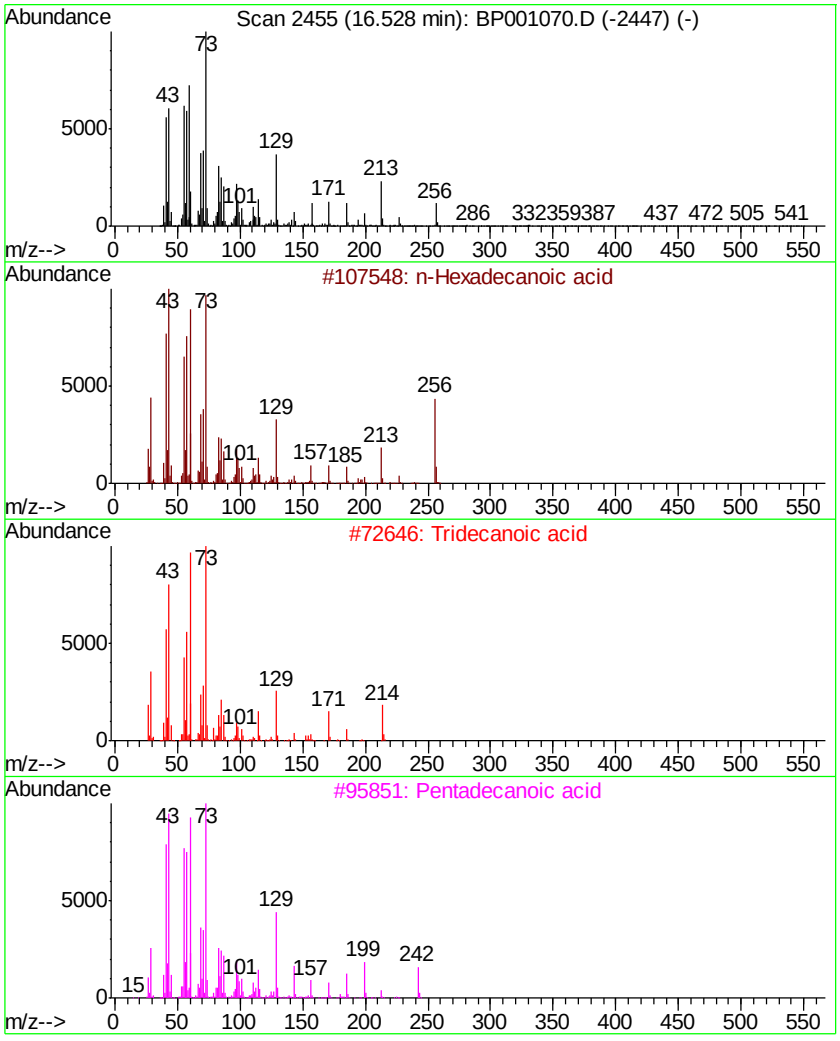
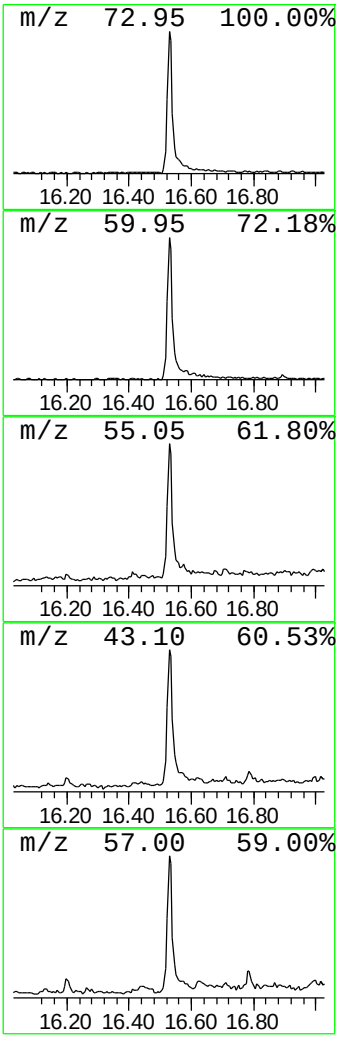
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.95 ng	419556	Phenanthrene-d10	15.65

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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ALS Vial : 9 Sample Multiplier: 1

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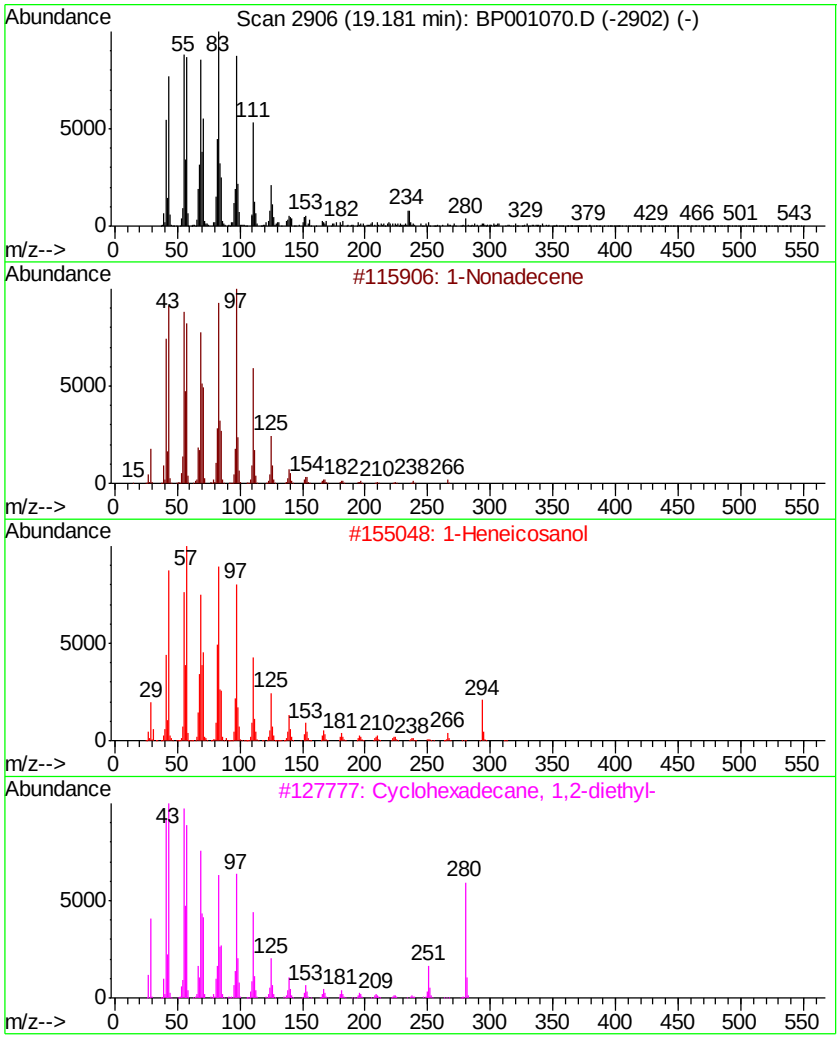
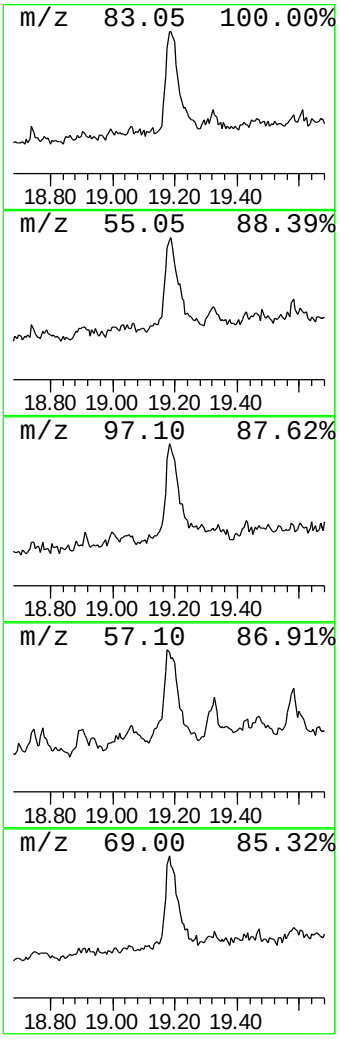
Peak Number 6 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	3.91 ng	419642	Chrysene-d12	19.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	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-methoxy...	2.31	11.6	ng	596574	1	8.36	1033390	20.0
2-Pentanone, 4-hy...	5.73	11.2	ng	576031	1	8.36	1033390	20.0
unknown8.00	8.00	78.4	ng	4052580	1	8.36	1033390	20.0
n-Hexadecanoic acid	16.53	4.0	ng	419556	4	15.65	2122120	20.0
1-Nonadecene	19.18	3.9	ng	419642	5	19.29	2148780	20.0