LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001027.D
Acq On : 11 Nov 2019 20:40
Operator : JU
Sample : K5778-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-33-S

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	2.317	33	39	52	rVB	591539	876009	11.91%	1.549%
2	5.734	615	620	636	rBV	474171	728986	9.91%	1.289%
3	6.305	711	717	722	rBV	3320740	4247783	57.76%	7.511%
4	7.816	967	974	987	rBV	3504593	4797497	65.23%	8.483%
5	8.010	1001	1007	1014	rBV	3828904	4825501	65.61%	8.532%
6	8.375	1063	1069	1074	rBV	1243071	1439653	19.58%	2.545%
7	8.616	1104	1110	1114	rBV	3208403	3938318	53.55%	6.963%
8	9.246	1210	1217	1221	rBV	2342759	2900906	39.44%	5.129%
9	10.399	1408	1413	1418	rBV	1640286	1837938	24.99%	3.250%
10	12.175	1709	1715	1720	rBV	5151302	6275493	85.33%	11.096%
11	12.845	1824	1829	1836	rVB	309781	366198	4.98%	0.647%
12	13.257	1894	1899	1905	rBV	1875125	2306606	31.36%	4.078%
13	14.551	2112	2119	2139	rBV	3732687	4555215	61.94%	8.054%
14	15.651	2301	2306	2311	rBV	2137226	2477662	33.69%	4.381%
15	15.792	2326	2330	2337	rVB2	99253	116984	1.59%	0.207%
16	16.534	2452	2456	2470	rBV2	255353	394848	5.37%	0.698%
17	17.622	2638	2641	2645	rBV	62535	74454	1.01%	0.132%
18	17.933	2689	2694	2698	rBV	6720584	7354412	100.00%	13.004%
19	19.157	2898	2902	2913	rVB2	560632	680572	9.25%	1.203%
20	19.292	2919	2925	2929	rBV	2236121	2639022	35.88%	4.666%
21	19.322	2929	2930	2935	rVB2	81215	75903	1.03%	0.134%
22	19.974	3038	3041	3046	rVB	86313	96391	1.31%	0.170%
23	20.433	3115	3119	3125	rVB	469140	520391	7.08%	0.920%
24	20.574	3140	3143	3147	rBV	83214	121182	1.65%	0.214%
25	20.751	3170	3173	3180	rVB	75544	108885	1.48%	0.193%
26	20.992	3211	3214	3219	rVB	82164	111287	1.51%	0.197%
27	21.074	3222	3228	3237	rVB	1899296	2615225	35.56%	4.624%
28	21.198	3246	3249	3254	rVB2	50059	73627	1.00%	0.130%

Sum of corrected areas: 56556948

LSC Report - Integrated Chromatogram

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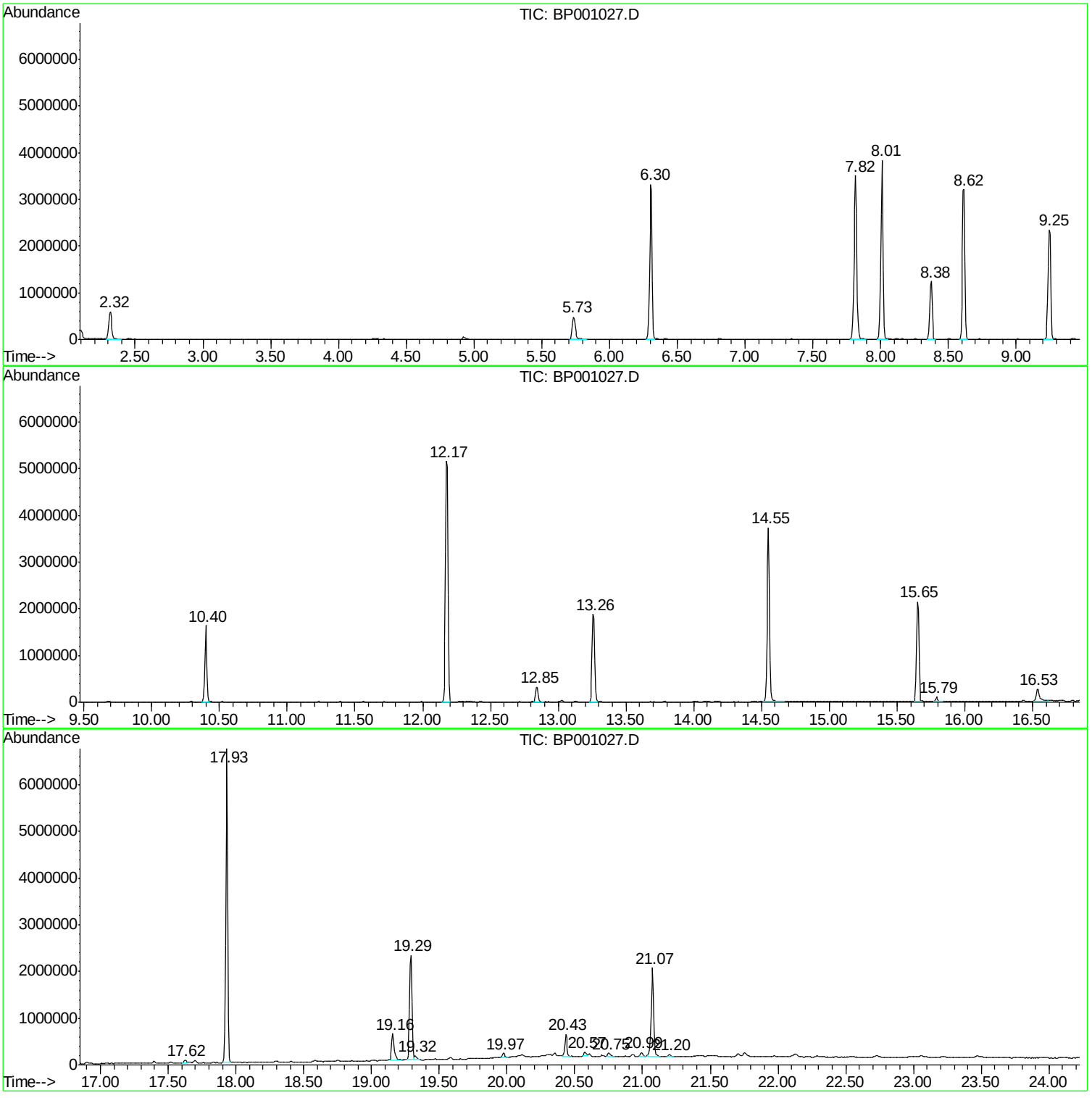
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-33-S

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



Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-33-S

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

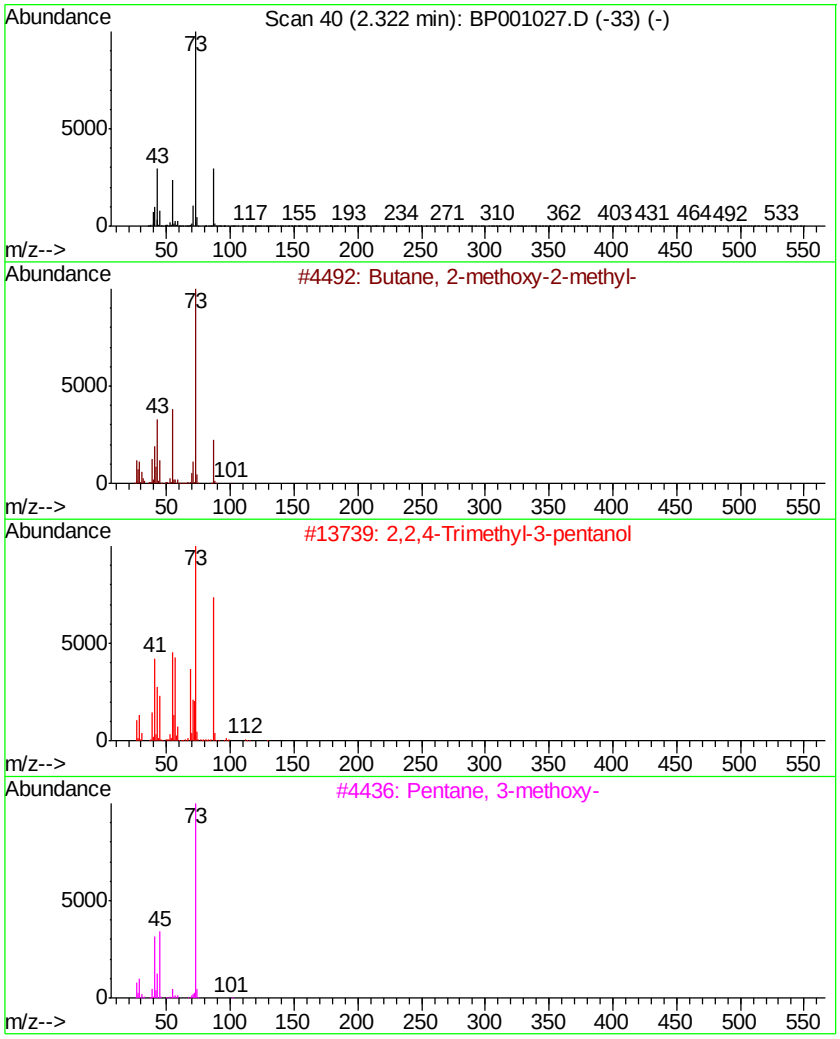
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

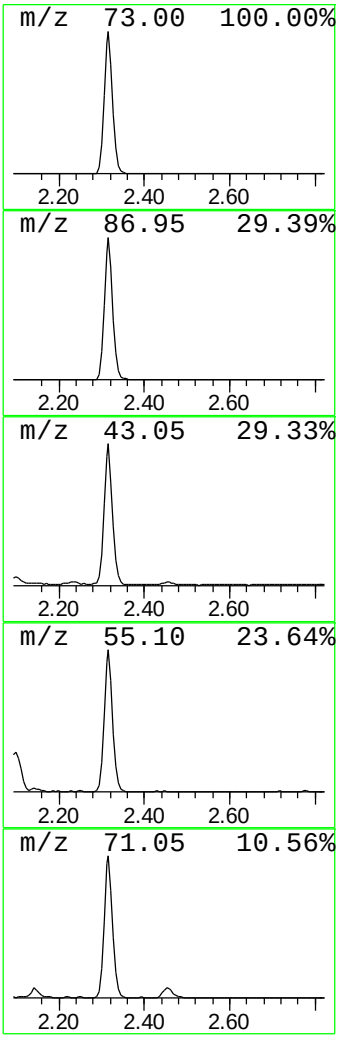
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	12.17 ng	876009	1,4-Dichlorobenzene-d4	8.38

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Operator : JU
Sample : K5778-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-33-S

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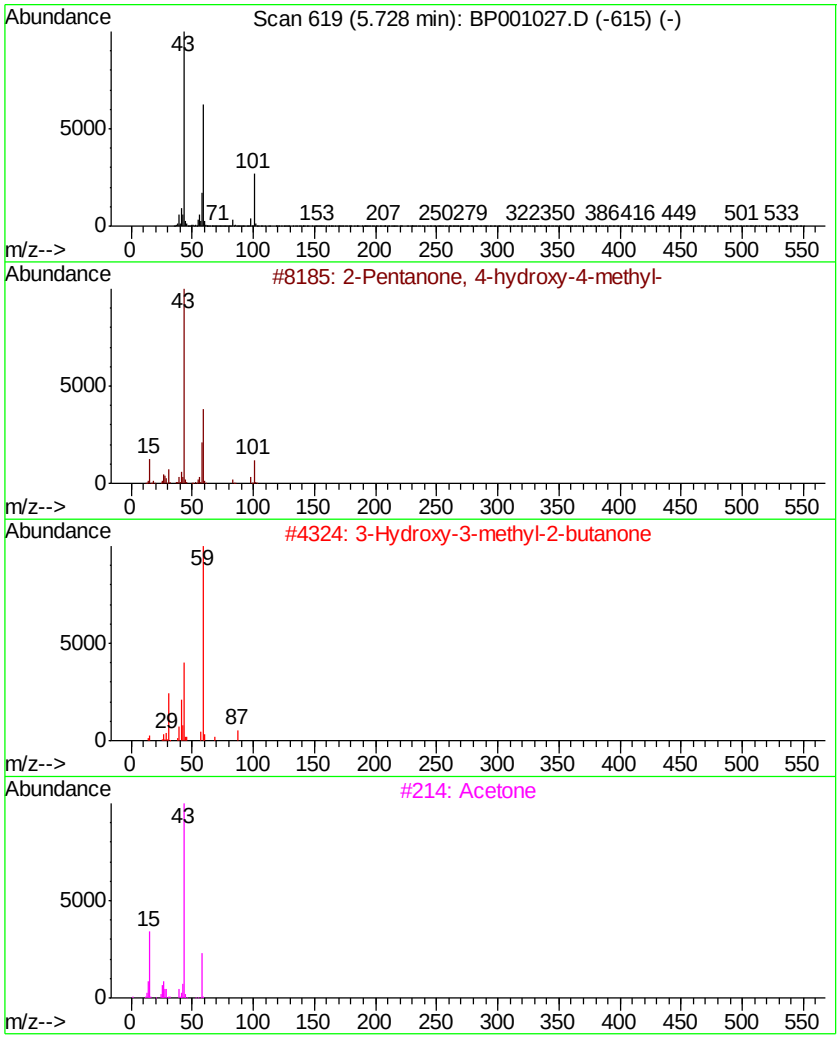
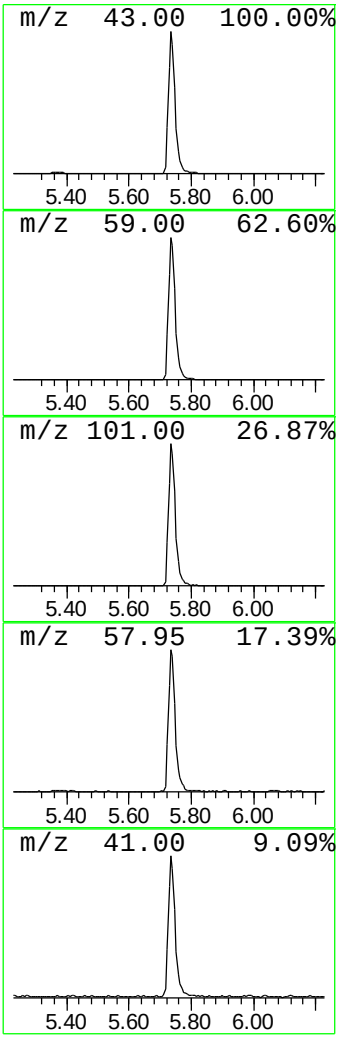
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	10.13 ng	728986	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Operator : JU
Sample : K5778-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-33-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110619.M
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TIC Library : C:\DATABASE\NIST11.L
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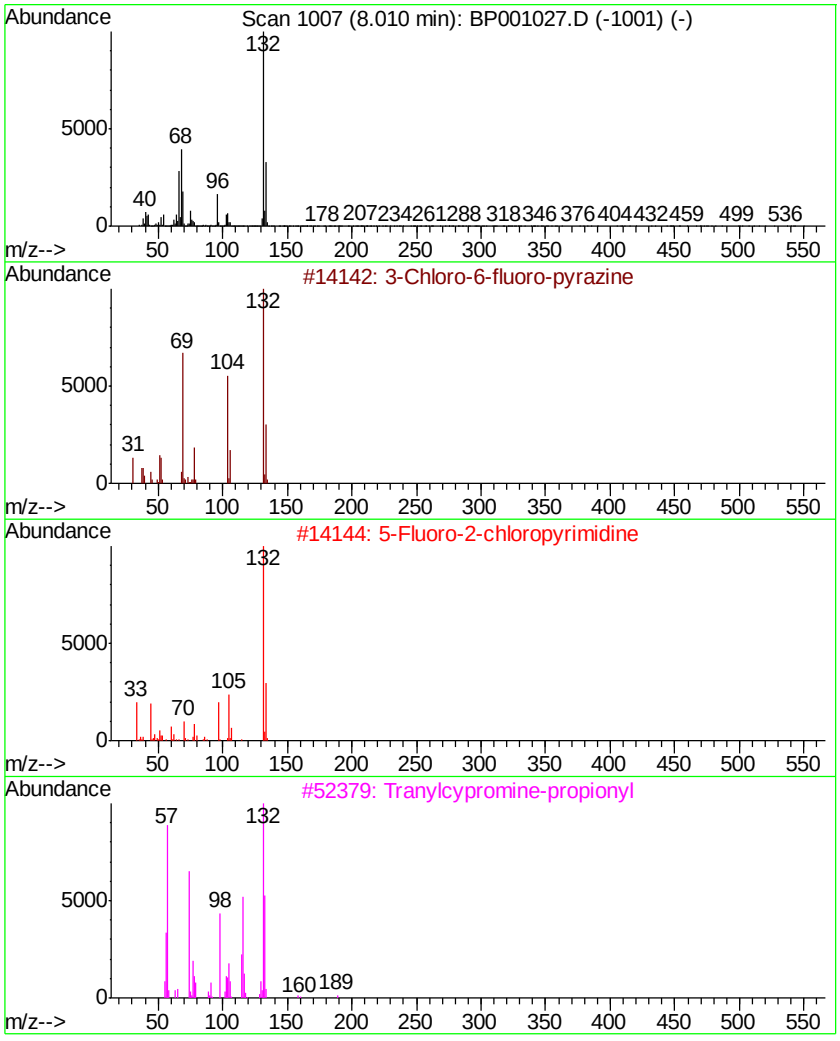
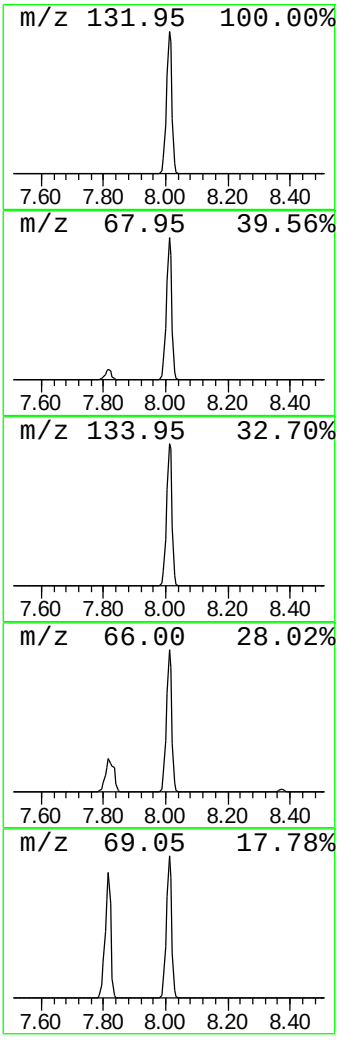
Peak Number 3 unknown8.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	67.04 ng	4825500	1,4-Dichlorobenzene-d4	8.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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ClientSampleId : TP-33-S

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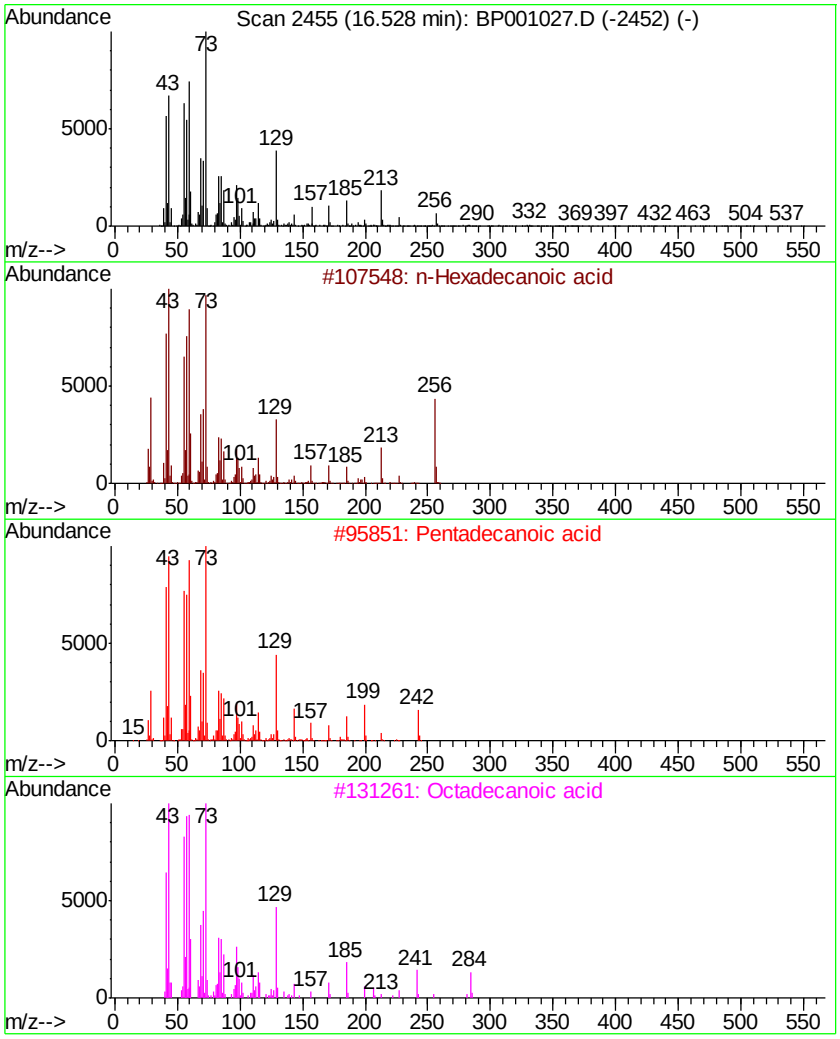
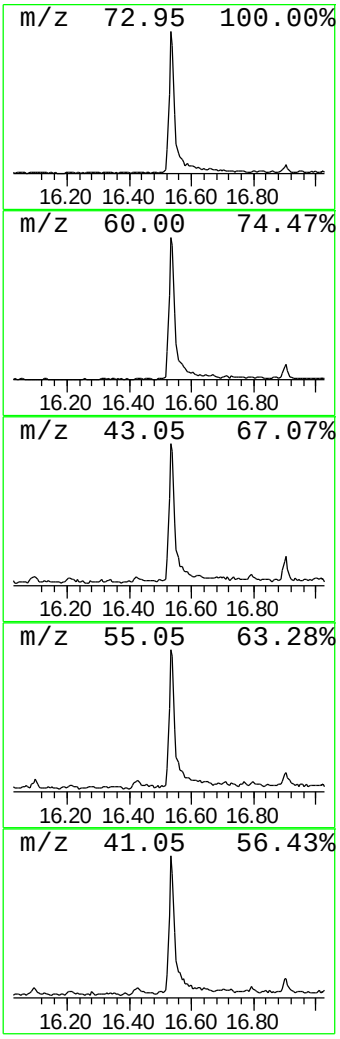
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.19 ng	394848	Phenanthrene-d10	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	30
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





Library Search Compound Report

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ClientSampleId : TP-33-S

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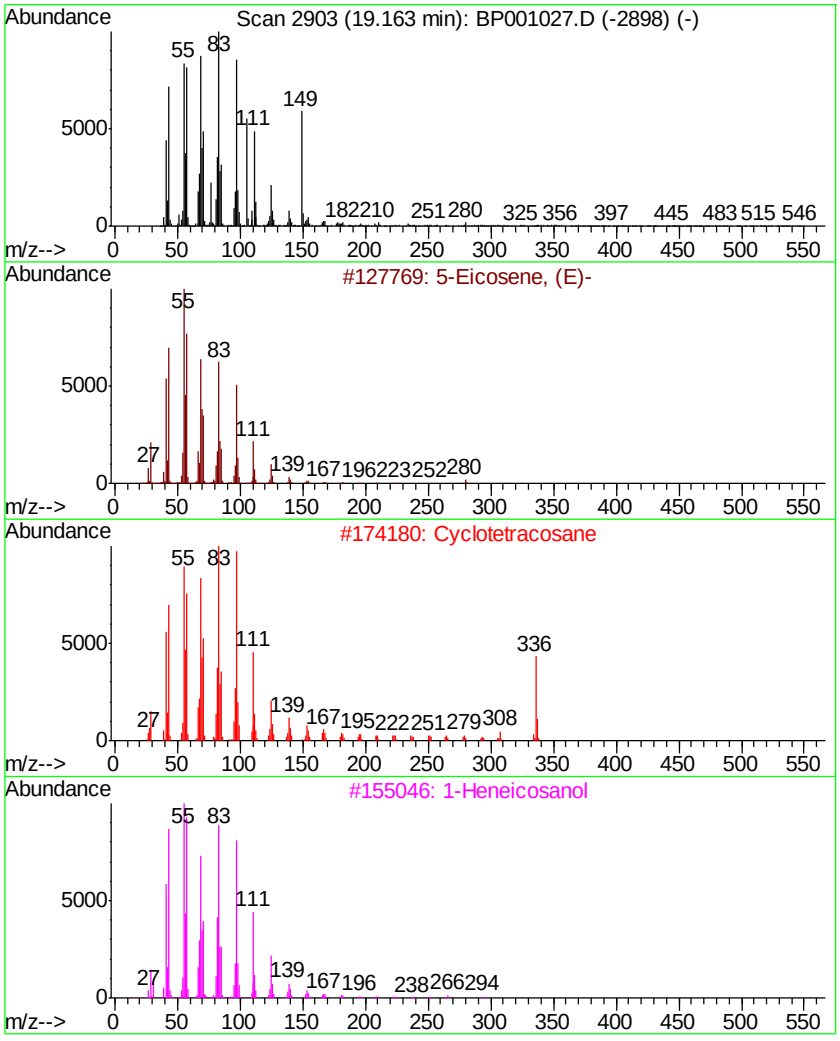
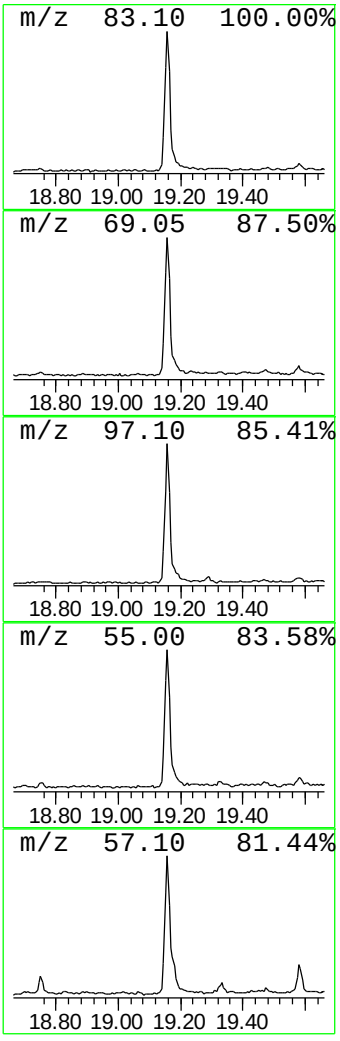
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	5.16 ng	680572	Chrysene-d12	19.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclotetracosane	336	C24H48	000297-03-0	97
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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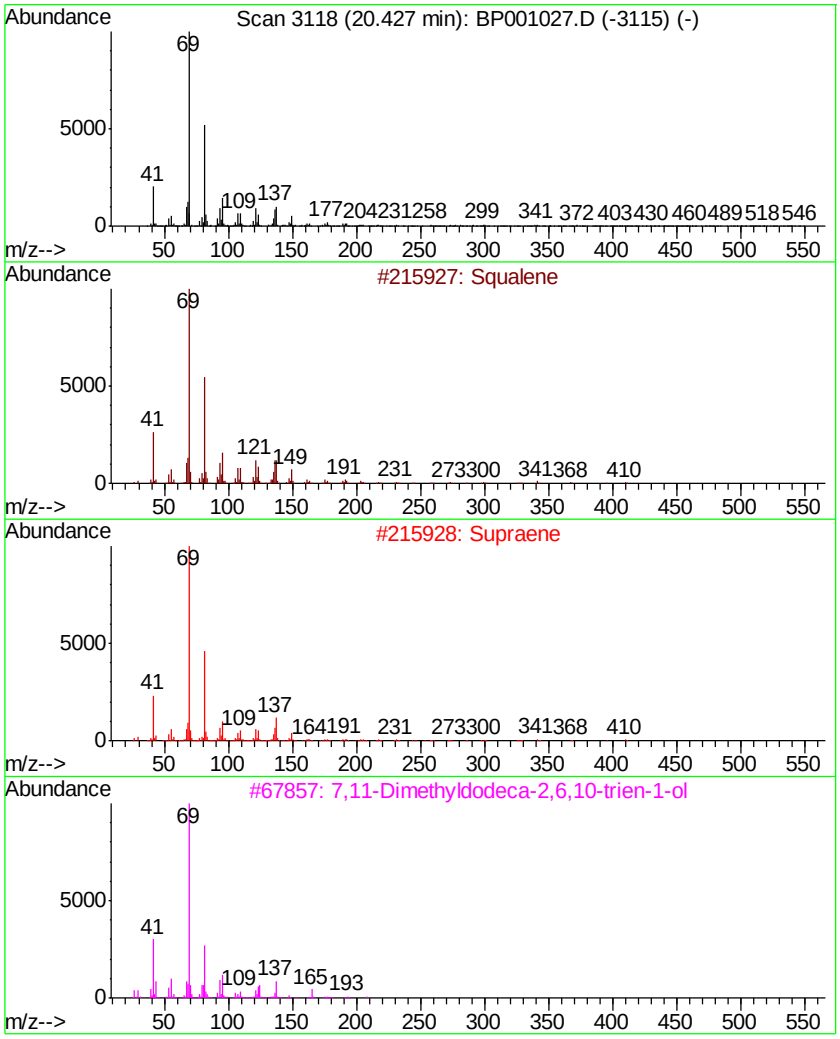
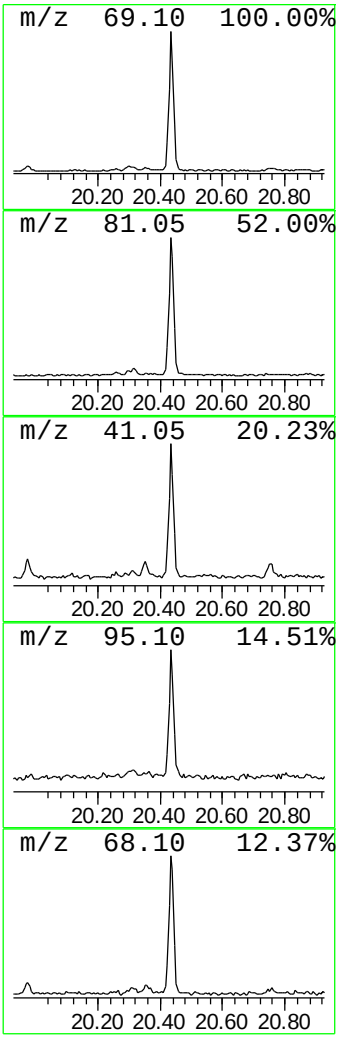
****

Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	3.98 ng	520391	Perylene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	96
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	Cyclopropanecarboxylic acid, 4-i...	204	C13H16O2	1000331-01-9	53
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.32	12.2	ng	876009	1	8.38	1439650	20.0
2-Pentanone, 4-hy...	5.73	10.1	ng	728986	1	8.38	1439650	20.0
unknown8.01	8.01	67.0	ng	4825500	1	8.38	1439650	20.0
n-Hexadecanoic acid	16.53	3.2	ng	394848	4	15.65	2477660	20.0
5-Eicosene, (E)-	19.16	5.2	ng	680572	5	19.29	2639020	20.0
Squalene	20.43	4.0	ng	520391	6	21.07	2615230	20.0