LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

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_M\METHODS\8270-BM122718.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	3.058	25	29	40	rVB	1017928	1416230	1.08%	0.201%
2	7.781	822	832	837	rBV	2135905	3475962	2.64%	0.494%
3	8.534	949	960	964	rBV	33816594	71239788	54.09%	10.125%
4	8.581	964	968	977	rVB	10527209	14787922	11.23%	2.102%
5	8.963	1025	1033	1037	rBV2	7461187	12966758	9.85%	1.843%
6	9.010	1037	1041	1053	rVB	10272126	14784865	11.23%	2.101%
7	9.916	1179	1195	1204	rVB3	1201720	4791969	3.64%	0.681%
8	10.575	1302	1307	1314	rVB	3090381	5031451	3.82%	0.715%
9	10.933	1360	1368	1382	rBV4	390948	1427931	1.08%	0.203%
10	11.986	1539	1547	1552	rBV	1834125	2745988	2.09%	0.390%
11	12.227	1577	1588	1592	rBV	868678	1864422	1.42%	0.265%
12	13.045	1721	1727	1734	rVB	4999791	7123617	5.41%	1.012%
13	13.133	1734	1742	1752	rBV	2236172	3486604	2.65%	0.496%
14	13.239	1752	1760	1765	rBV	993042	1475053	1.12%	0.210%
15	14.069	1895	1901	1915	rBV	11949523	15394268	11.69%	2.188%
16	14.427	1953	1962	1974	rBV3	4992787	9706922	7.37%	1.380%
17	15.921	2205	2216	2219	rBV2	1884134	2956856	2.25%	0.420%
18	15.968	2219	2224	2235	rVB	20511693	26786104	20.34%	3.807%
19	16.304	2270	2281	2290	rBV	905867	2634684	2.00%	0.374%
20	16.686	2342	2346	2356	rVB	947690	1373983	1.04%	0.195%
21	17.180	2423	2430	2439	rVV	6241591	9509752	7.22%	1.352%
22	17.280	2439	2447	2456	rVB5	490404	1370253	1.04%	0.195%
23	17.492	2474	2483	2488	rBV	5073820	7050208	5.35%	1.002%
24	17.557	2488	2494	2498	rBV	6018377	7850533	5.96%	1.116%
25	17.962	2555	2563	2569	rBV4	900451	2140482	1.63%	0.304%
26	18.098	2577	2586	2613	rBV	19262146	36599890	27.79%	5.202%
27	18.627	2669	2676	2681	rBV	35987454	49630165	37.69%	7.054%
28	19.209	2769	2775	2777	rBV3	907255	1515325	1.15%	0.215%
29	19.239	2777	2780	2784	rVV	1753879	3037553	2.31%	0.432%
30	19.362	2796	2801	2810	rBV	6920131	9663574	7.34%	1.373%
31	19.498	2819	2824	2828	rBV	18932312	21948602	16.67%	3.119%
32	19.533	2828	2830	2839	rVB	3439748	3969875	3.01%	0.564%
33	19.809	2872	2877	2884	rVB	9947251	12666421	9.62%	1.800%
34	20.480	2988	2991	2994	rBV	1951731	2379202	1.81%	0.338%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

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_M\METHODS\8270-BM122718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.927	3064	3067	3078	rVB2	742391	1319914	1.00%	0.188%
36	21.280	3123	3127	3131	rBV	2498447	2746397	2.09%	0.390%
37	21.368	3136	3142	3144	rBV	7369737	10216280	7.76%	1.452%
38	21.392	3144	3146	3153	rVB	14319576	15819225	12.01%	2.248%
39	21.656	3183	3191	3196	rBV	16373922	20869556	15.85%	2.966%
40	22.039	3252	3256	3261	rVV	1029433	1575999	1.20%	0.224%
41	22.227	3283	3288	3295	rBV	11937860	16314244	12.39%	2.319%
42	22.292	3295	3299	3310	rVB	12038766	16304219	12.38%	2.317%
43	22.433	3320	3323	3336	rVB3	748160	1358986	1.03%	0.193%
44	22.568	3341	3346	3351	rBV	1249290	1832157	1.39%	0.260%
45	22.662	3359	3362	3367	rVB2	1027599	1457229	1.11%	0.207%
46	22.803	3382	3386	3395	rVB5	709939	1411168	1.07%	0.201%
47	22.962	3407	3413	3419	rBV2	2186306	3619242	2.75%	0.514%
48	23.297	3466	3470	3475	rVB2	962416	1590845	1.21%	0.226%
49	23.368	3475	3482	3487	rBV2	6915798	12210924	9.27%	1.735%
50	23.662	3526	3532	3541	rVB	3706433	7151994	5.43%	1.016%
51	24.115	3603	3609	3619	rBV	1143299	2257875	1.71%	0.321%
52	24.221	3622	3627	3634	rVB	885804	1700232	1.29%	0.242%
53	24.621	3688	3695	3701	rBV2	2412958	5784302	4.39%	0.822%
54	24.721	3701	3712	3737	rVB3	44021062	131694770	100.00%	18.717%
55	24.991	3748	3758	3763	rBV2	10766645	28020231	21.28%	3.982%
56	25.038	3764	3766	3774	rVB2	4443068	8125996	6.17%	1.155%
57	25.615	3856	3864	3875	rVB3	1687621	5053947	3.84%	0.718%
58	25.856	3899	3905	3910	rBV3	694111	1684693	1.28%	0.239%
59	26.450	3996	4006	4024	rBV2	7289692	22529627	17.11%	3.202%
60	26.615	4028	4034	4047	rVB6	839209	2598494	1.97%	0.369%
61	26.815	4060	4068	4075	rBV3	1215974	3562660	2.71%	0.506%

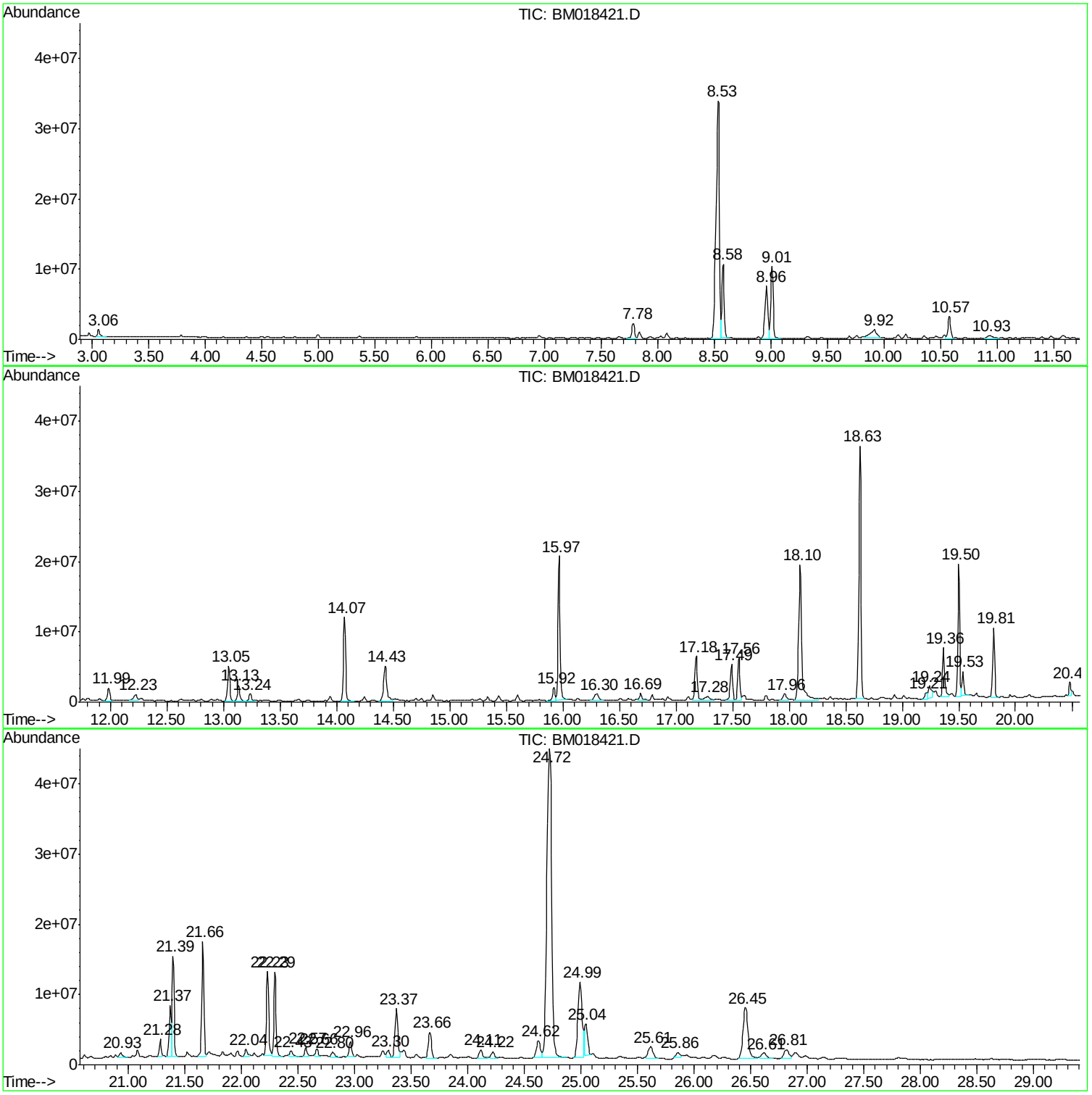
Sum of corrected areas: 703614418

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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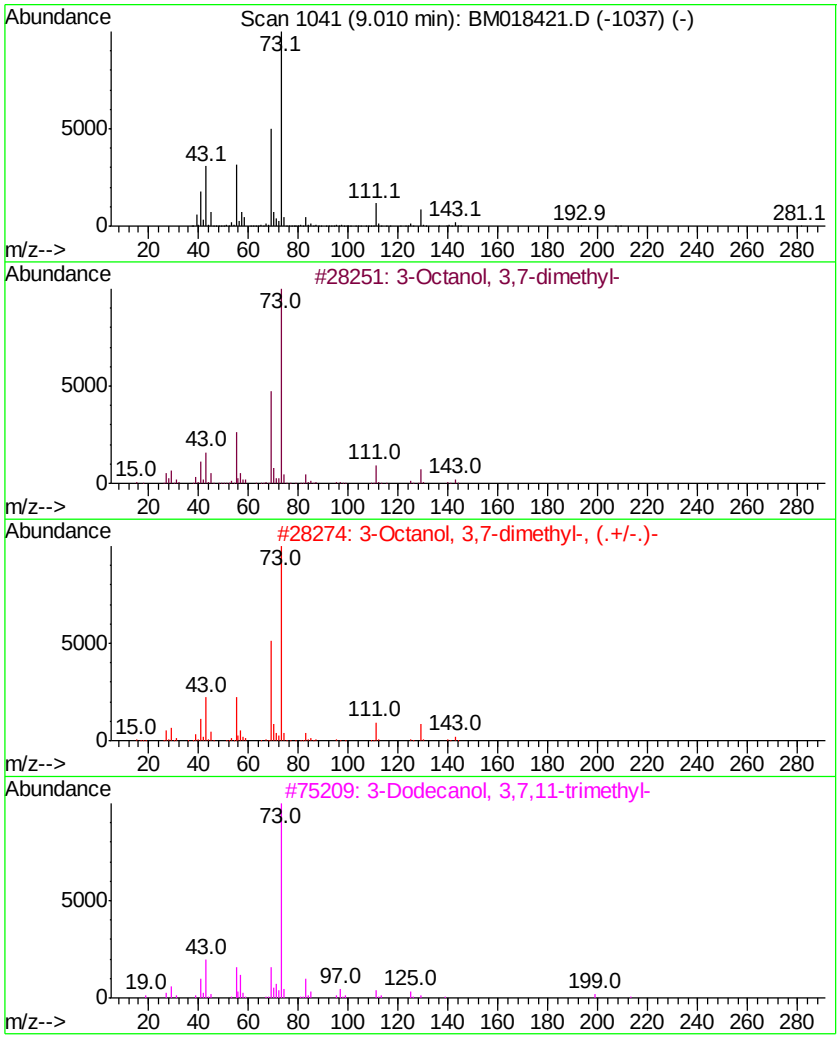
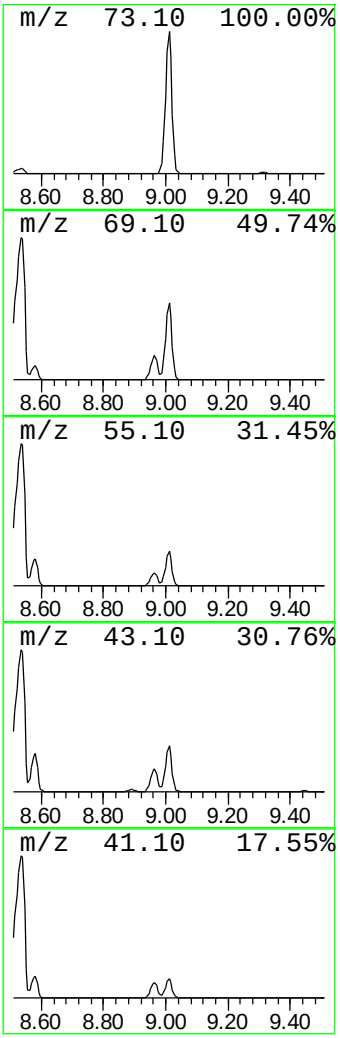
Peak Number 1 3-Octanol, 3,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	85.07 ng	14784900	1,4-Dichlorobenzene-d4	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	90
2	3-Octanol, 3,7-dimethyl-, (.+/-.)-	158	C10H22O	057706-88-4	86
3	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	32
4	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	28
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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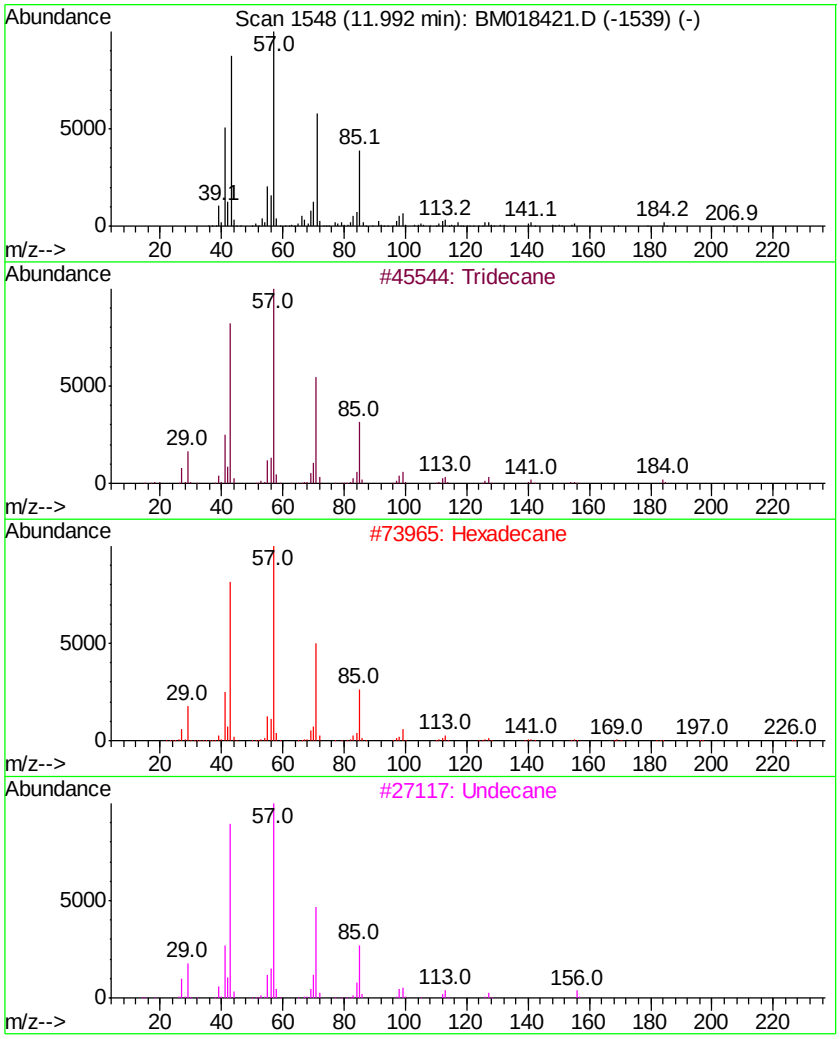
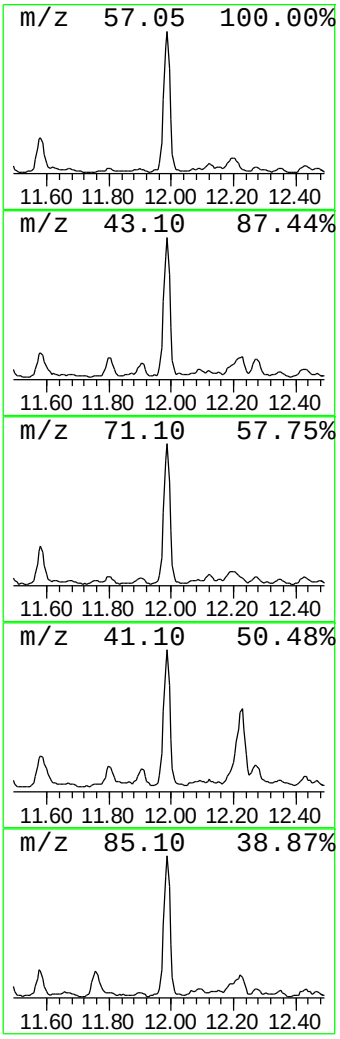
Peak Number 2 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	10.92 ng	2745990	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Hexadecane	226	C16H34	000544-76-3	87
3	Undecane	156	C11H24	001120-21-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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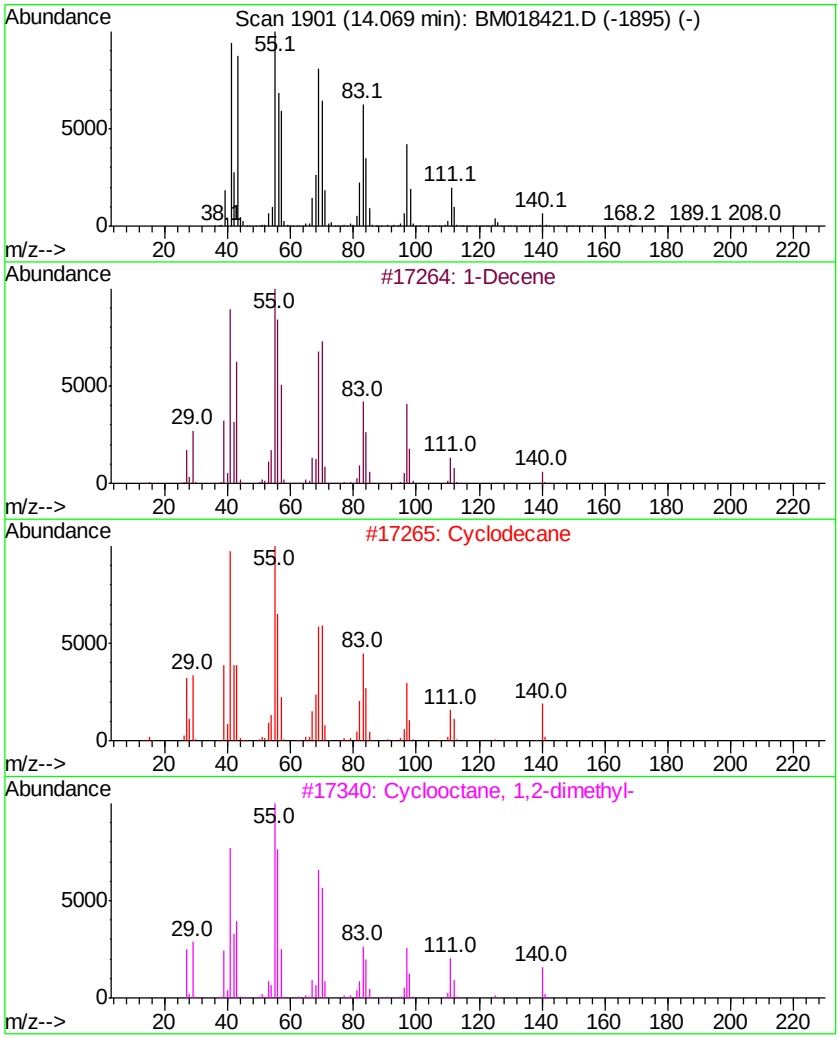
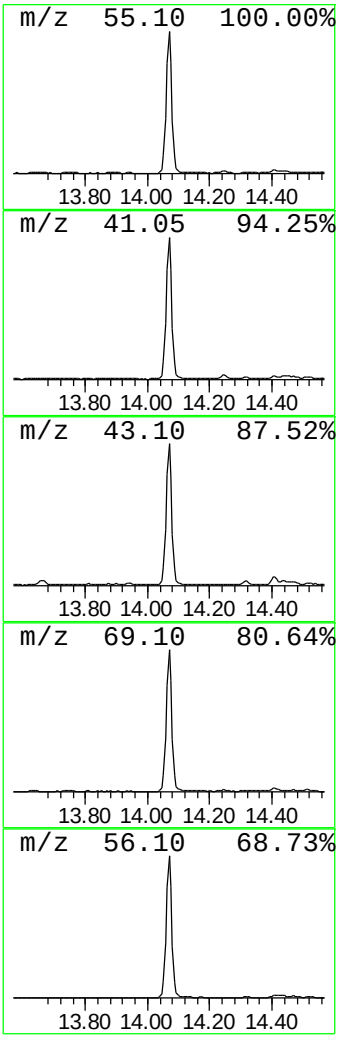
Peak Number 3 1-Decene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	31.72 ng	15394300	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	Cyclodecane	140	C10H20	000293-96-9	94
3	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	93
4	1-Tridecanol	200	C13H28O	000112-70-9	91
5	1-Undecanol	172	C11H24O	000112-42-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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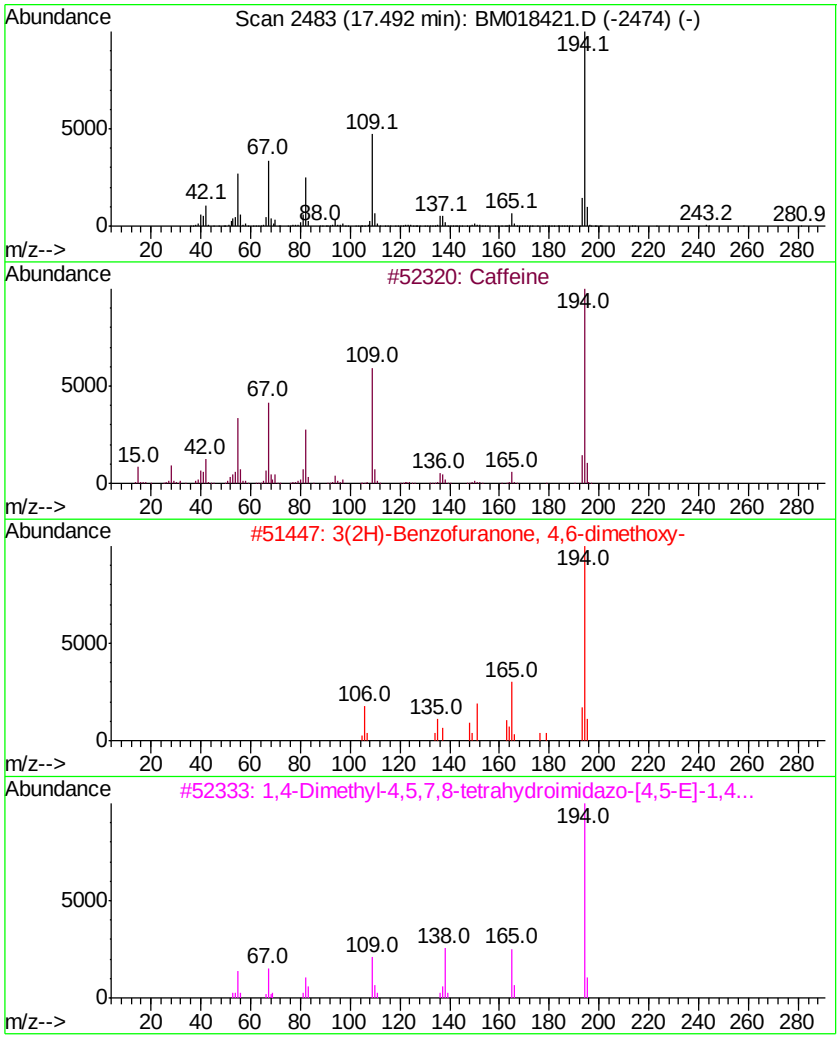
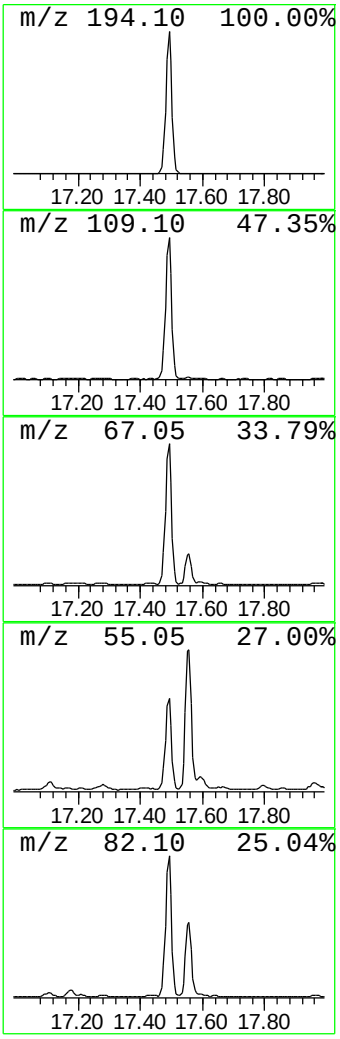
Peak Number 4 Caffeine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	14.83 ng	7050210	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	97
2	3(2H)-Benzofuranone, 4,6-dimethoxy-	194	C10H10O4	004225-35-8	50
3	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	45
4	Benzaldehyde, 4,6-dimethoxy-2,3-...	194	C11H14O3	034883-13-1	38
5	3,3'-Dimethyl-5-methoxy-4,5'-bii...	194	C9H10N2O3	019668-80-5	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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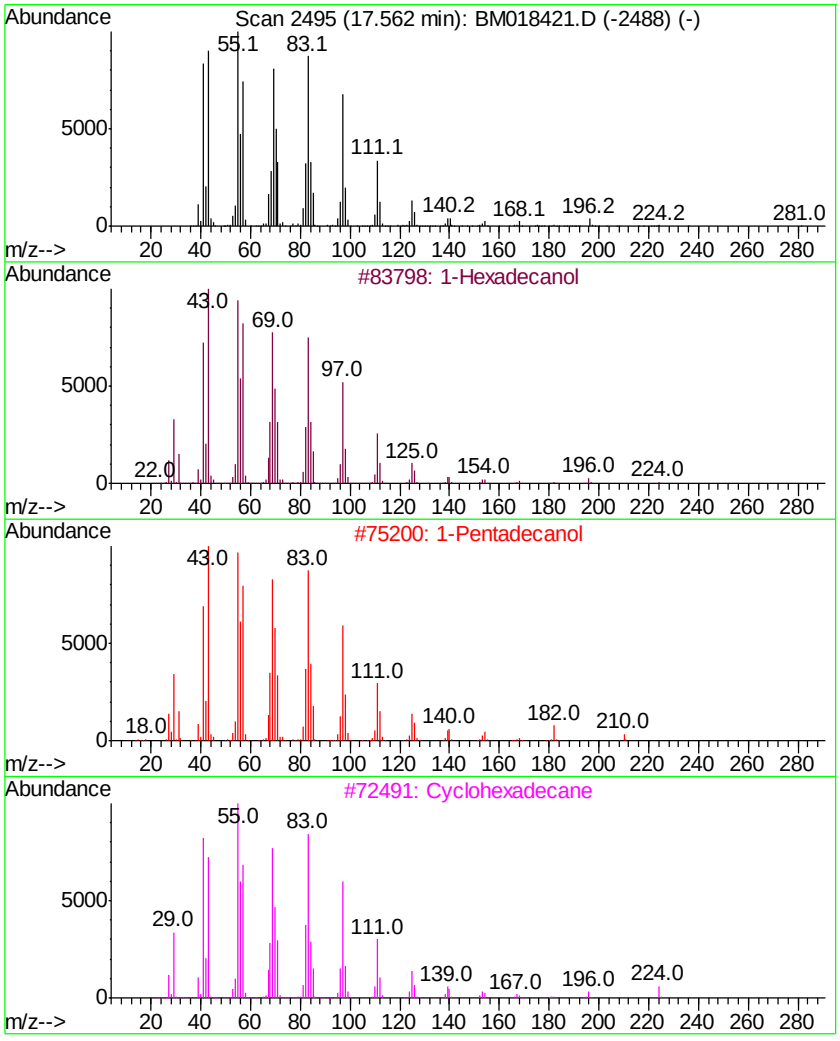
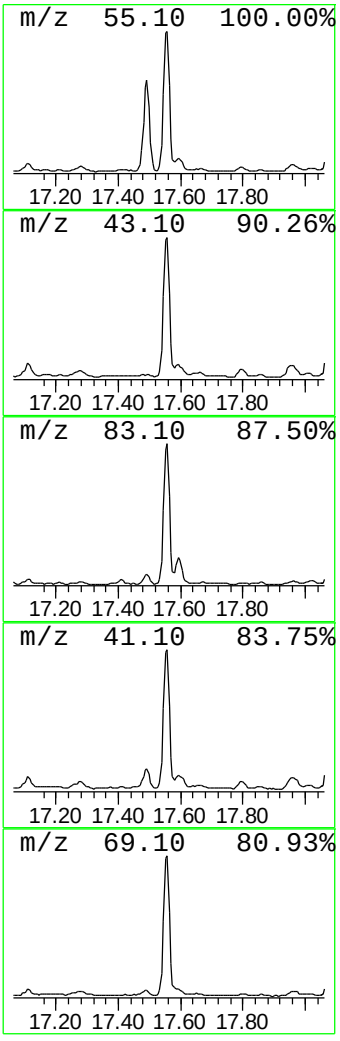
Peak Number 5 1-Hexadecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	16.51 ng	7850530	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	1-Pentadecanol	228	C15H32O	000629-76-5	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

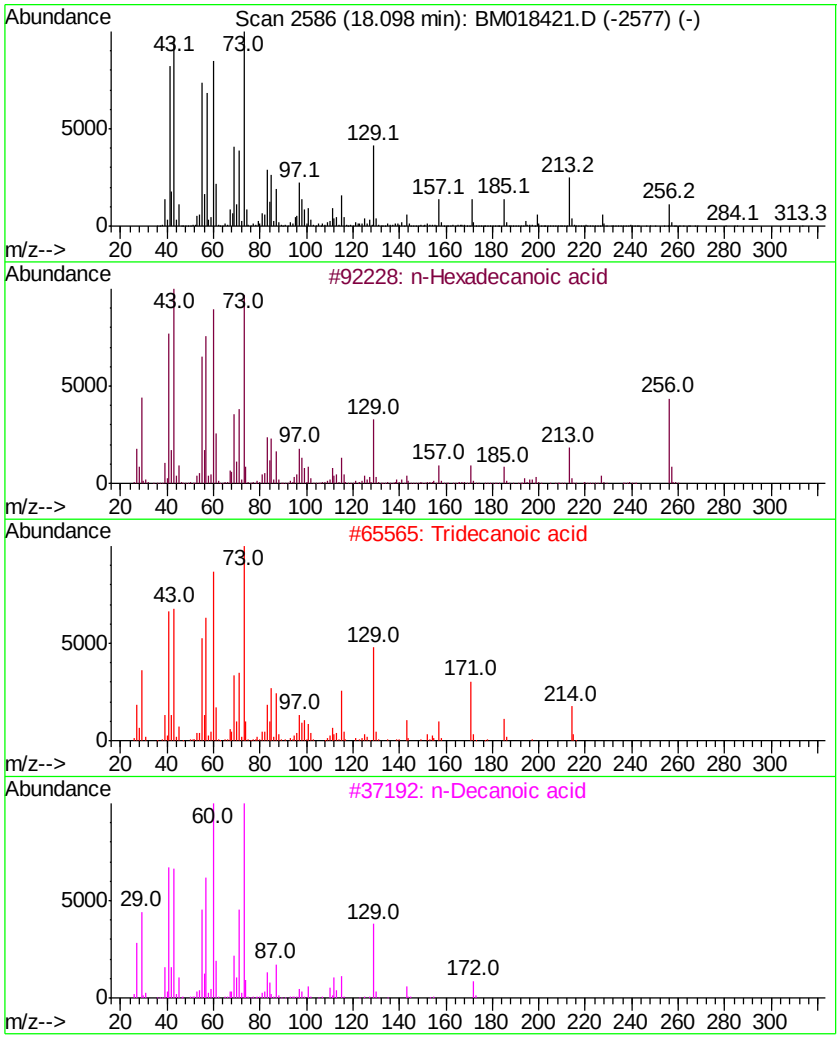
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

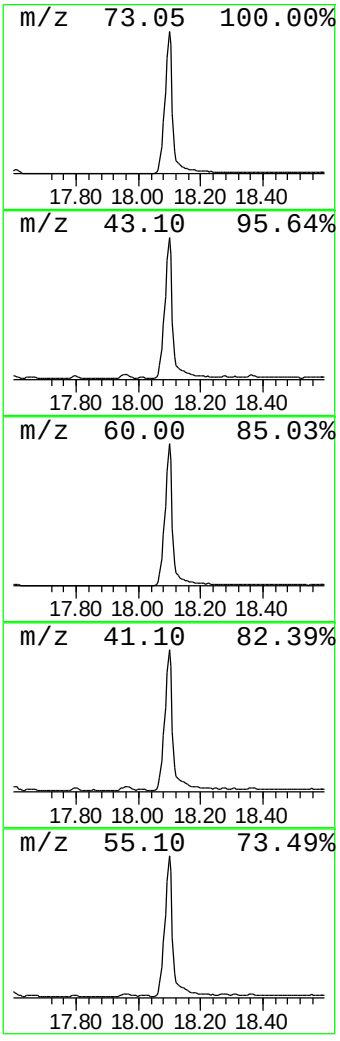
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	76.97 ng	36599900	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Hexadecane	226	C16H34	000544-76-3	11
5	Undecane	156	C11H24	001120-21-4	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

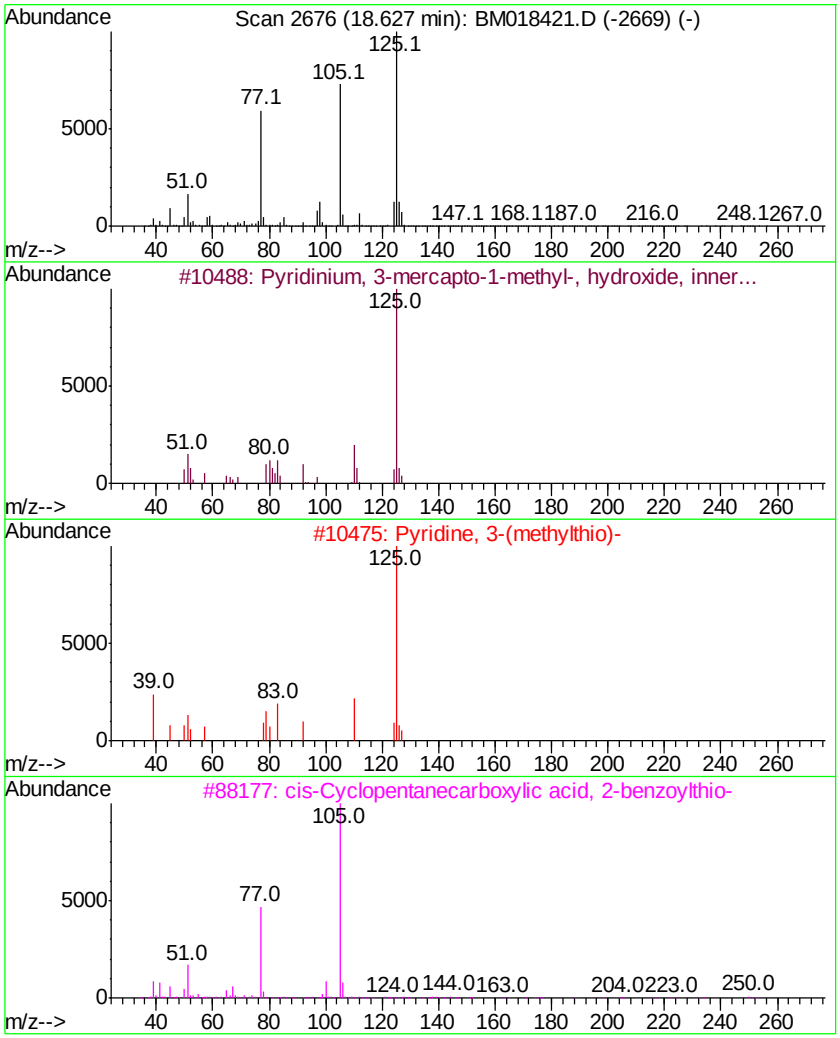
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

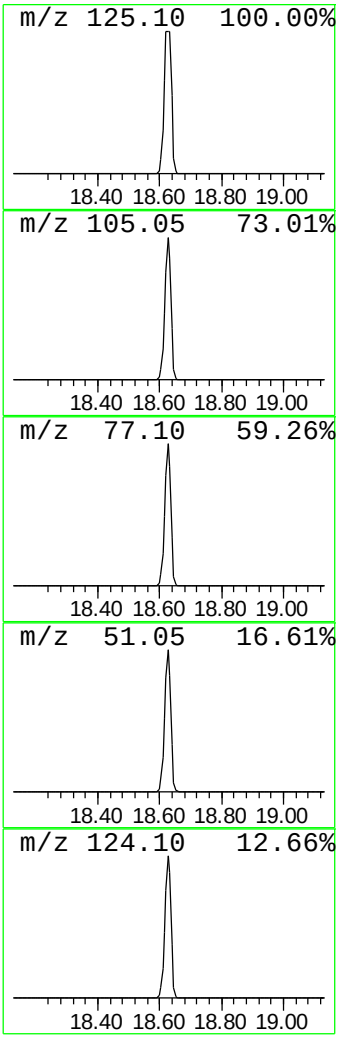
****

Peak Number 7 unknown18.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	104.38 ng	49630200	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridinium, 3-mercapto-1-methyl-...	125	C6H7NS	036880-58-7	46
2	Pyridine, 3-(methylthio)-	125	C6H7NS	018794-33-7	37
3	cis-Cyclopentanecarboxylic acid,...	250	C13H14O3S	099397-53-2	20
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	20
5	3-Buten-1-one, 2,2-dimethyl-1-ph...	174	C12H14O	062894-04-6	18





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Sample : J6572-07
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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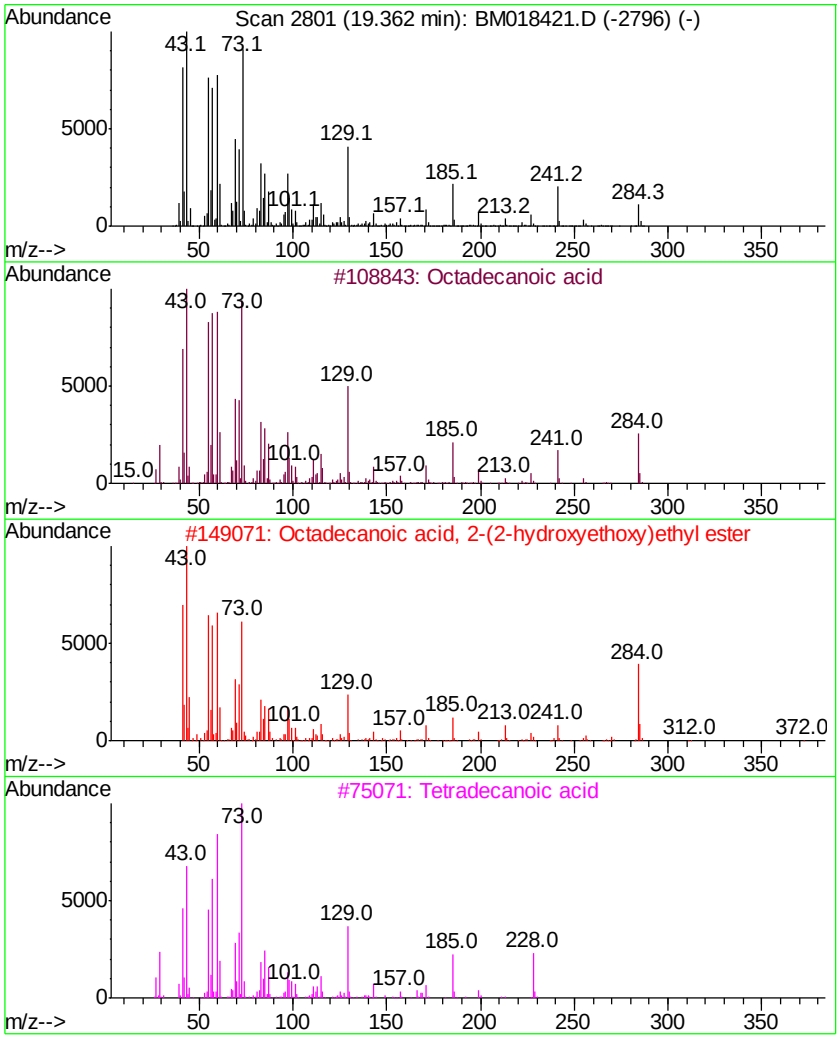
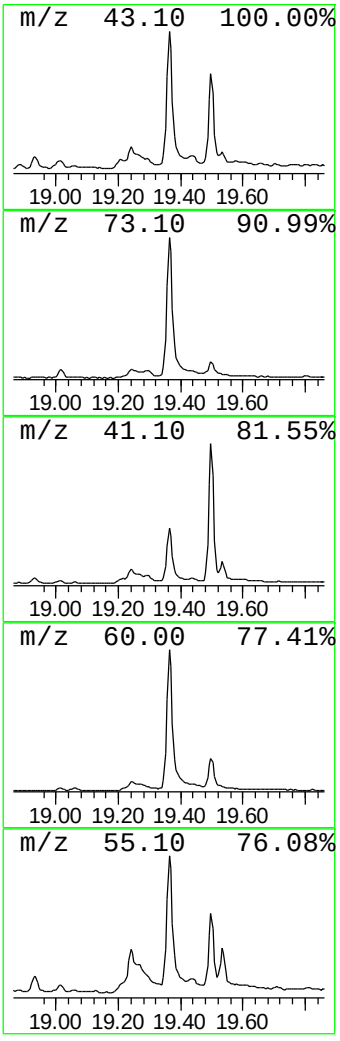
Peak Number 8 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	18.92 ng	9663570	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Library Search Compound Report

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Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

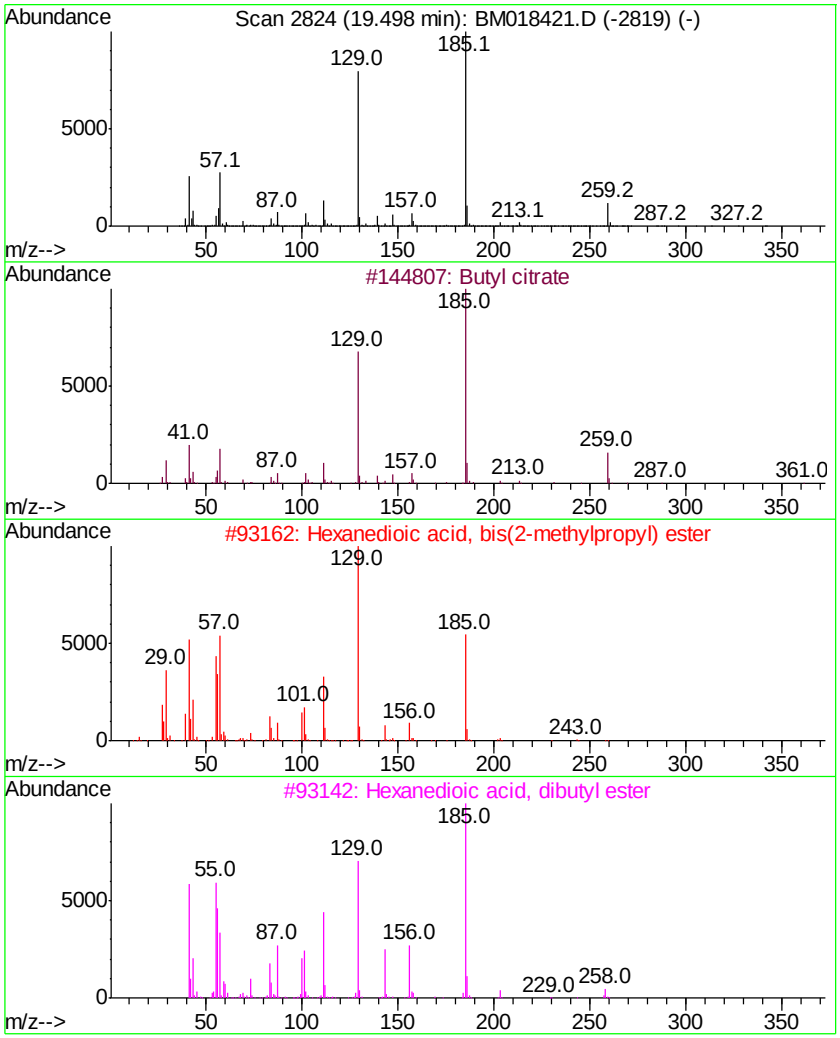
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

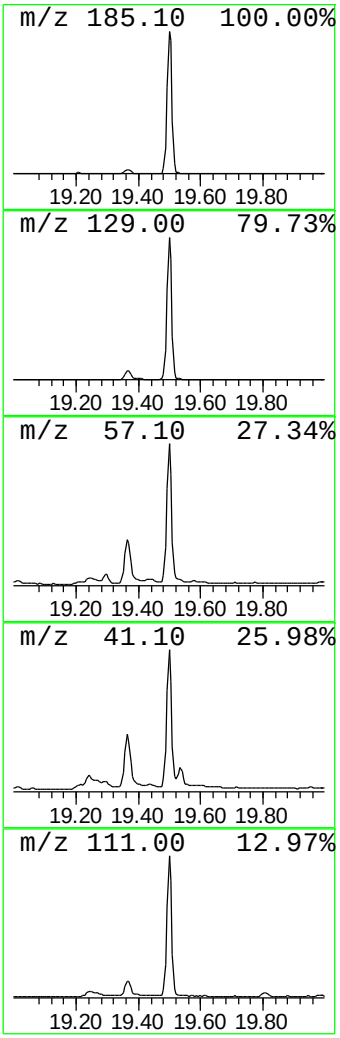
****

Peak Number 9 Butyl citrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	42.97 ng	21948600	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	81
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	72
3	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	56
4	Resorufin	213	C12H7NO3	000635-78-9	32
5	5-Hydroxy-4-nitroguaiacol	185	C7H7NO5	100960-04-1	25





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ClientSampleId : 381206005-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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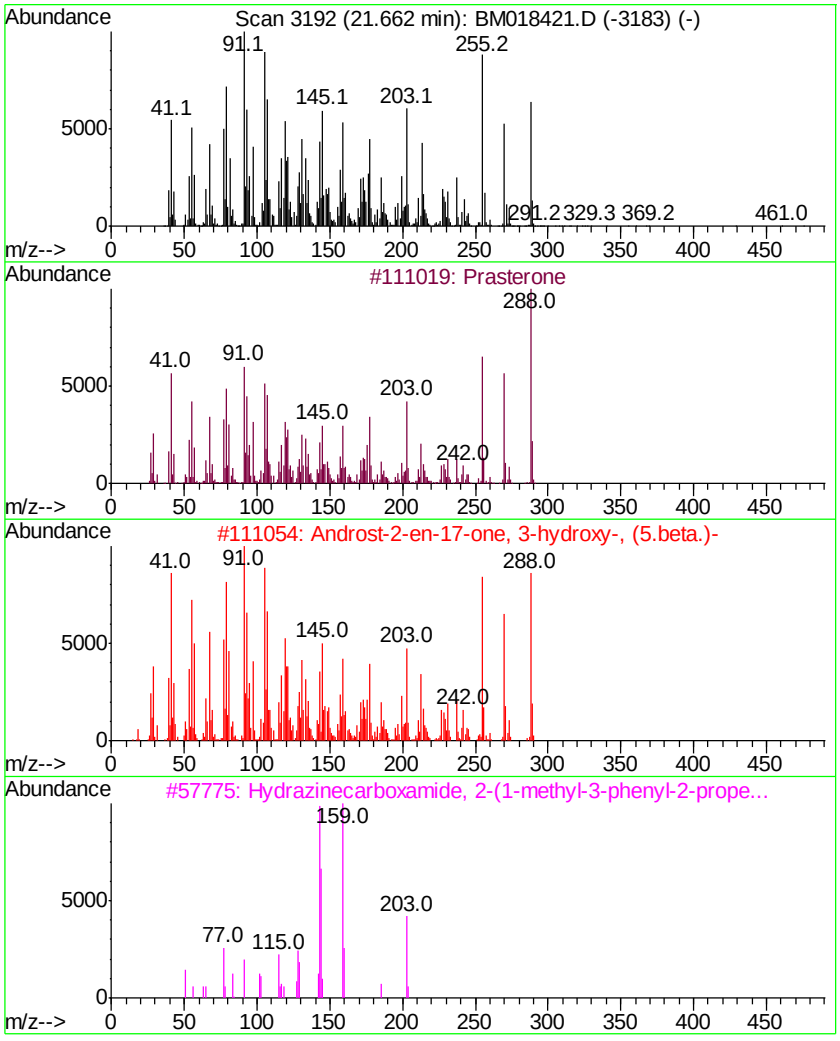
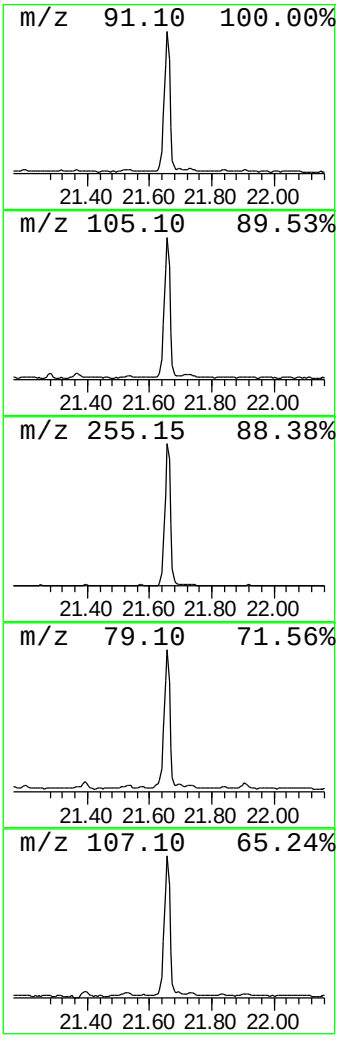
Peak Number 10 Prasterone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	40.86 ng	20869600	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prasterone	288	C19H28O2	000053-43-0	99
2	Androst-2-en-17-one, 3-hydroxy-,...	288	C19H28O2	057289-70-0	99
3	Hydrazinecarboxamide, 2-(1-methy...	203	C11H13N3O	005468-31-5	47
4	cis-1,1'-Bibenzocyclohexanylidene	288	C22H24	1000284-45-5	43
5	Bi-1,4-cyclohexadien-1-yl, 2,2'-...	270	C20H30	061142-53-8	42





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Instrument : BNA_M
ClientSampleId : 381206005-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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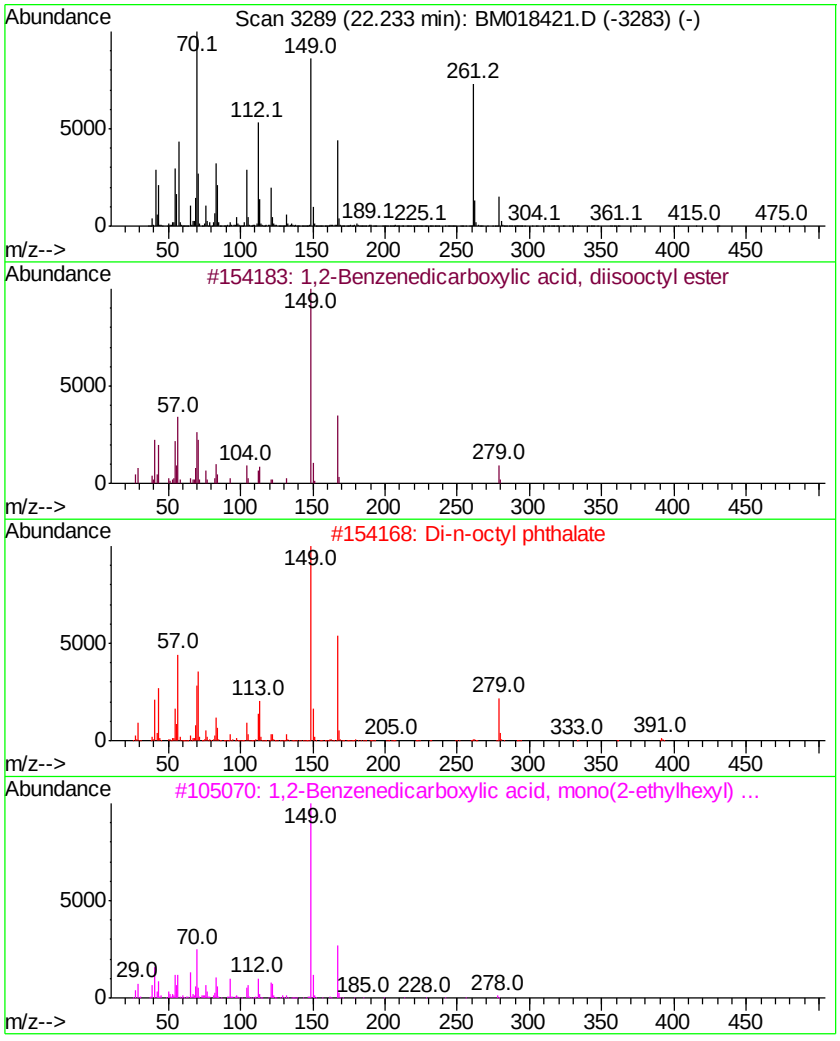
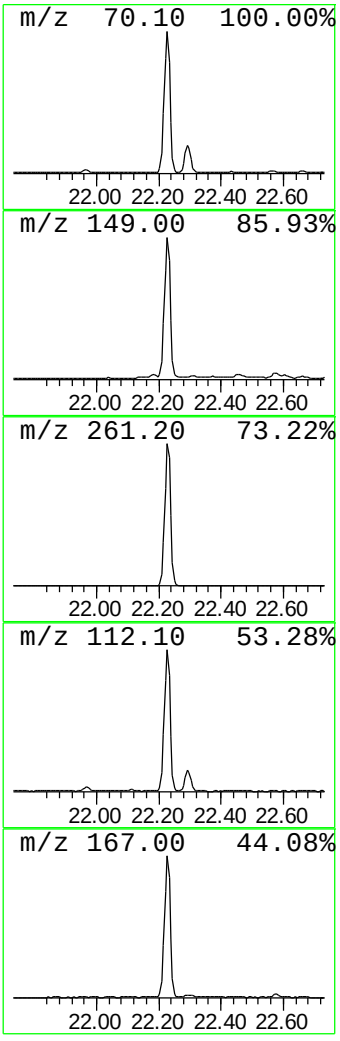
Peak Number 11 unknown22.23 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	31.94 ng	16314200	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	43
2	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	38
3	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	35
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	25
5	4-Methoxyanthranilic acid	167	C8H9NO3	004294-95-5	22





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Operator : JU/SJ
Sample : J6572-07
Misc :
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Instrument : BNA_M
ClientSampleId : 381206005-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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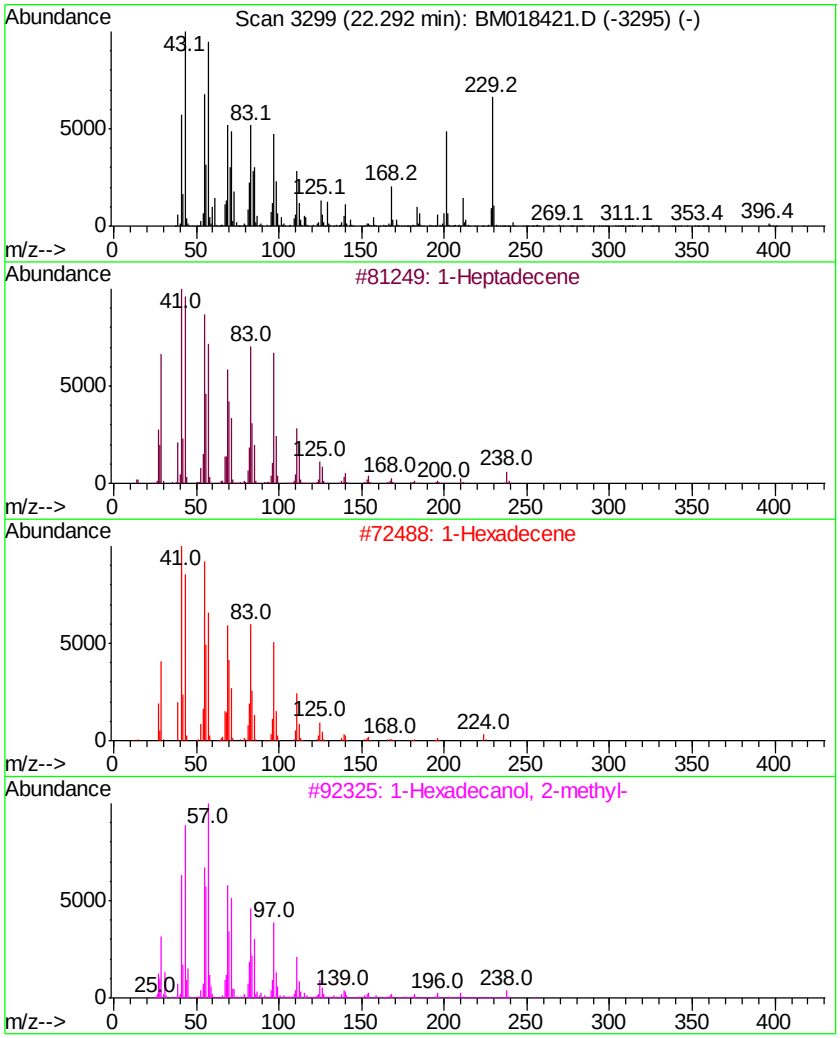
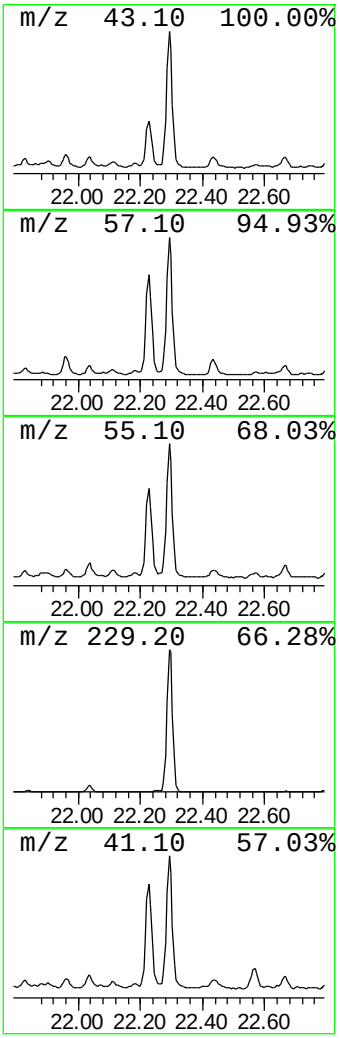
Peak Number 12 1-Heptadecene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	31.92 ng	16304200	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	95
2	1-Hexadecene	224	C16H32	000629-73-2	90
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	90
4	Cyclododecane	168	C12H24	000294-62-2	89
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	55





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Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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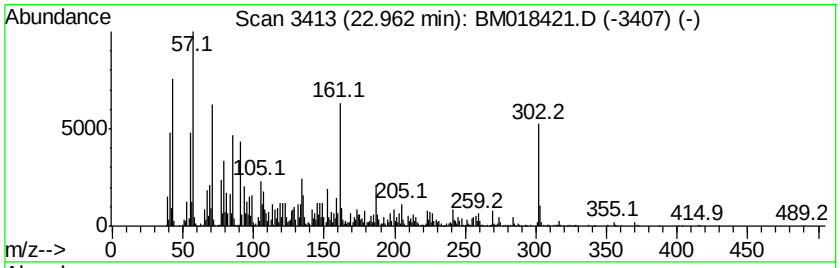
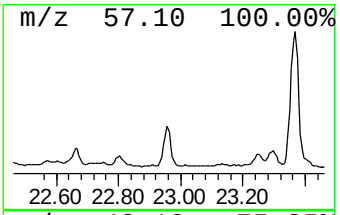
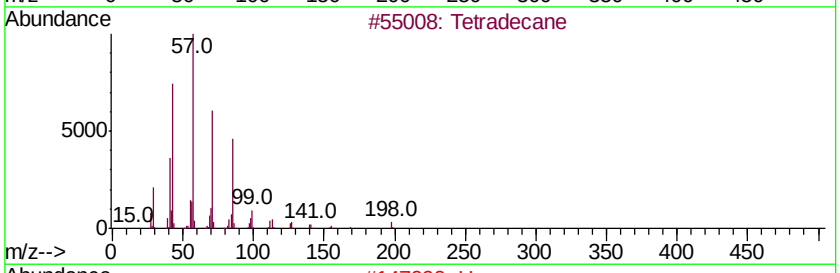
Peak Number 13 Tetradecane Concentration Rank 20

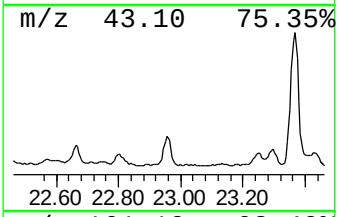
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	10.12 ng	3619240	Perylene-d12	23.66

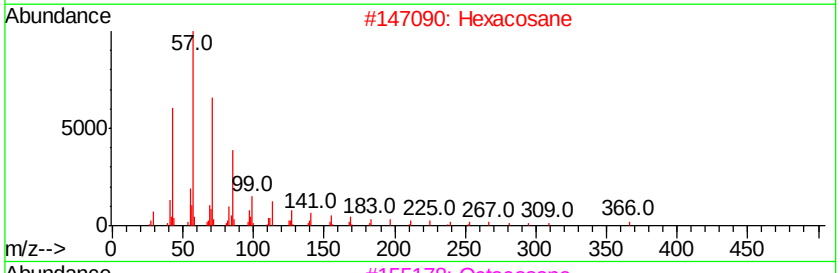
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	60
2	Hexacosane	366	C26H54	000630-01-3	35
3	Octacosane	394	C28H58	000630-02-4	35
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	35
5	Pentacosane	352	C25H52	000629-99-2	35

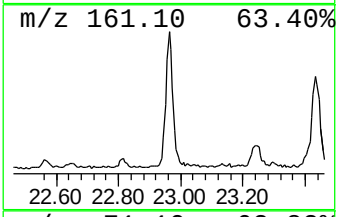


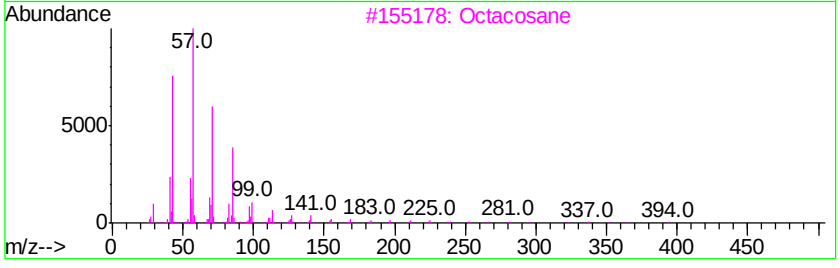


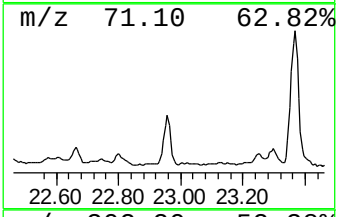


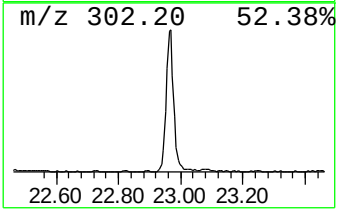












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Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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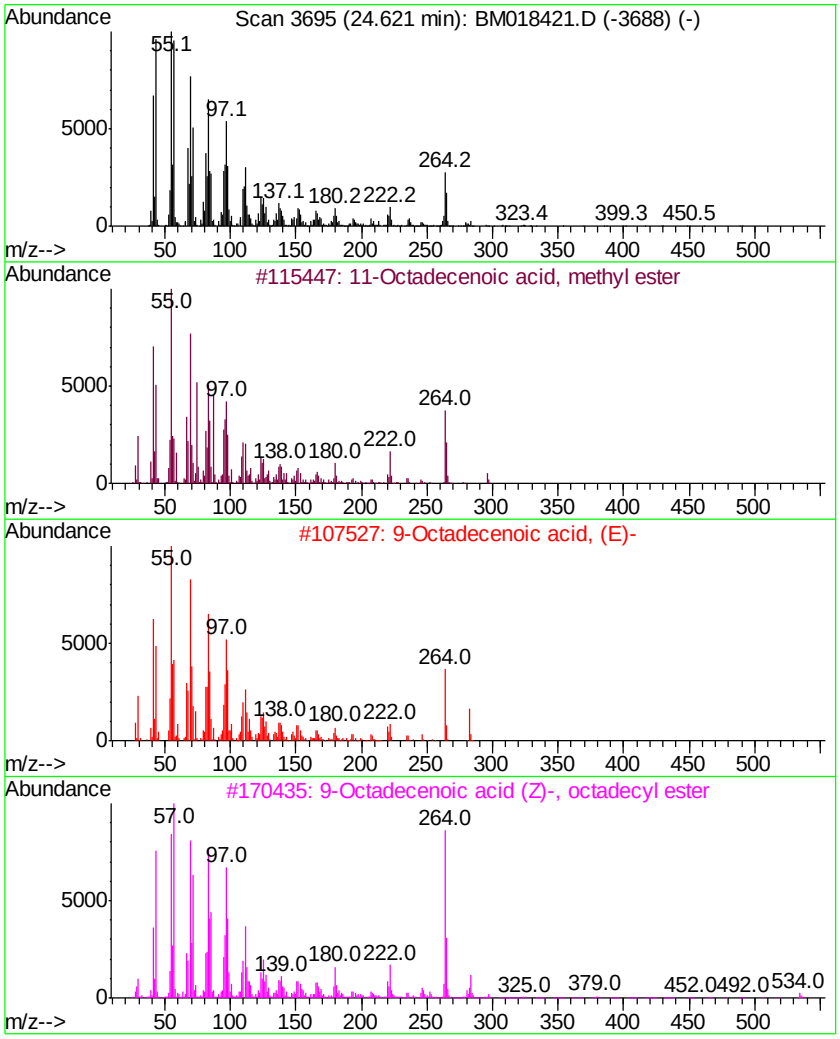
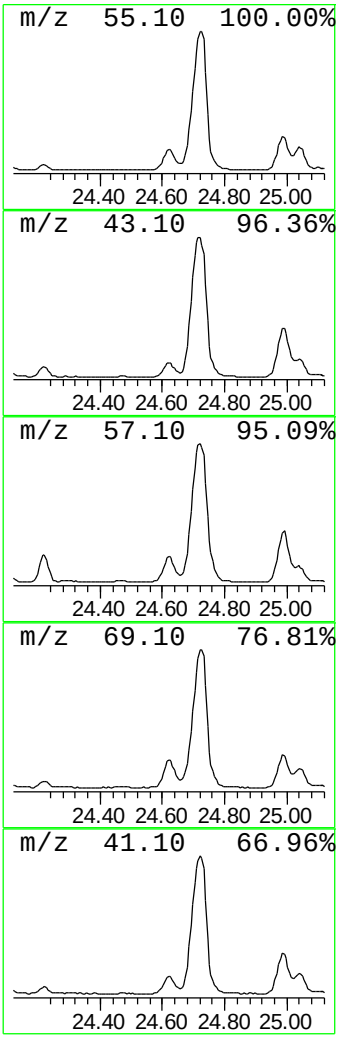
Peak Number 15 11-Octadecenoic acid, methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	16.18 ng	5784300	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	87
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87
3	9-Octadecenoic acid (Z)-, octade...	535	C36H70O2	017673-49-3	81
4	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	64
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	60





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ClientSampleId : 381206005-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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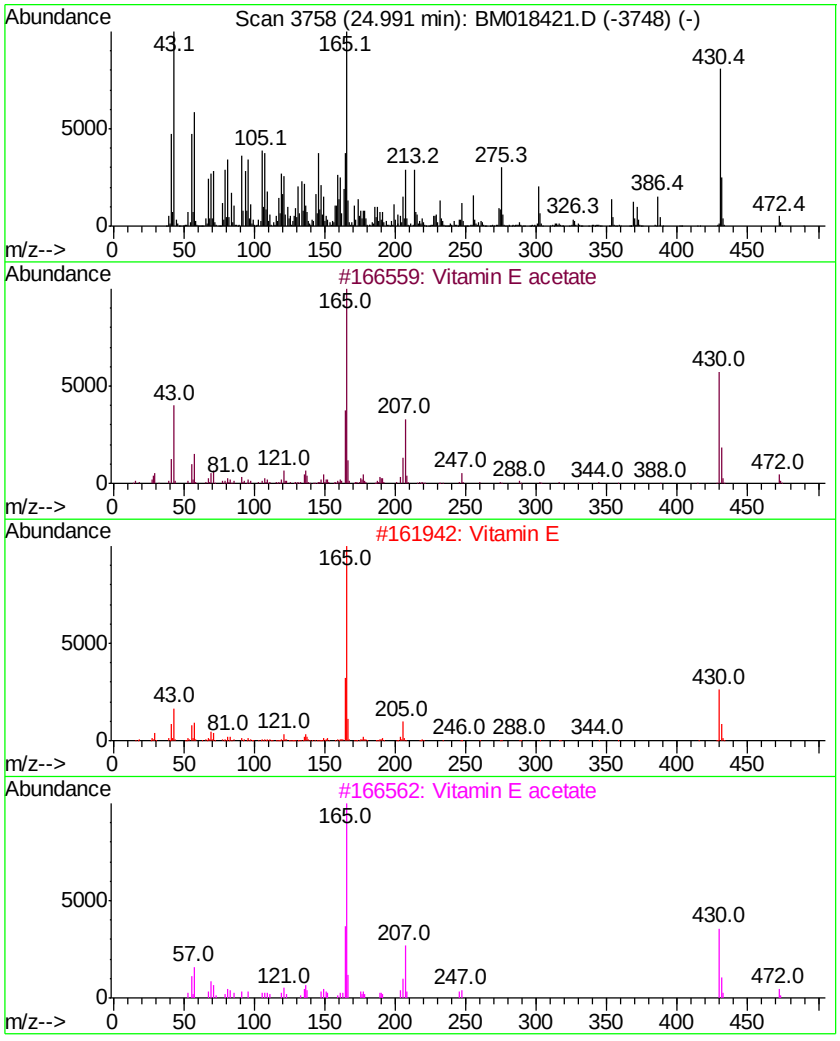
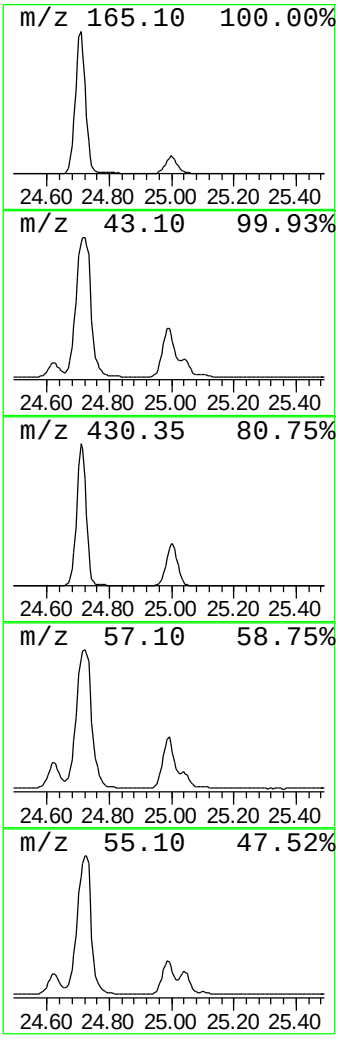
Peak Number 17 Vitamin E acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	78.36 ng	28020200	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E acetate	472	C31H52O3	007695-91-2	96
2	Vitamin E	430	C29H50O2	010191-41-0	94
3	Vitamin E acetate	472	C31H52O3	000058-95-7	89
4	D,.alpha.-Tocopherol	430	C29H50O2	1000128-08-6	86
5	Vitamin E	430	C29H50O2	000059-02-9	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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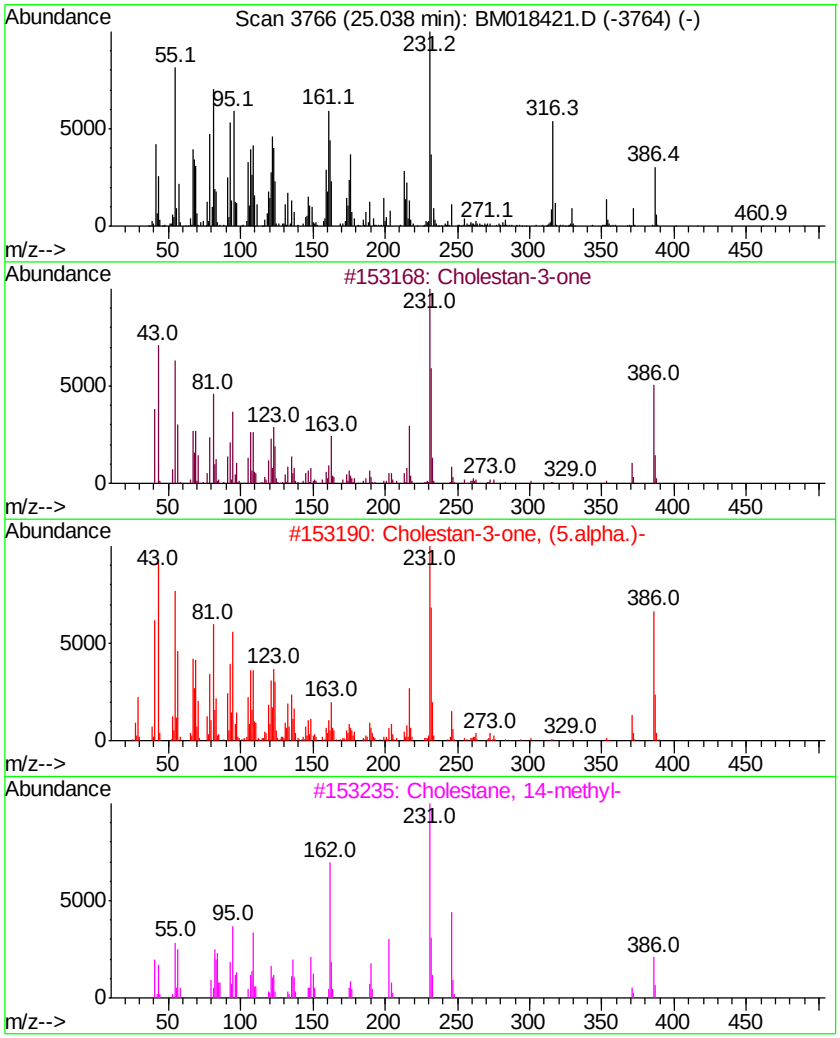
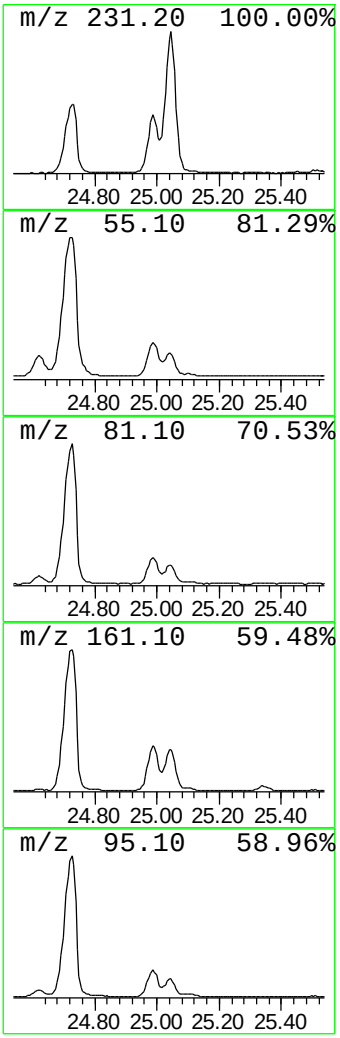
Peak Number 18 Cholestan-3-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	22.72 ng	8126000	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	60
2	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	49
3	Cholestane, 14-methyl-	386	C28H50	052474-84-7	38
4	Allocholesterol	386	C27H46O	000517-10-2	27
5	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	18





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ALS Vial : 24 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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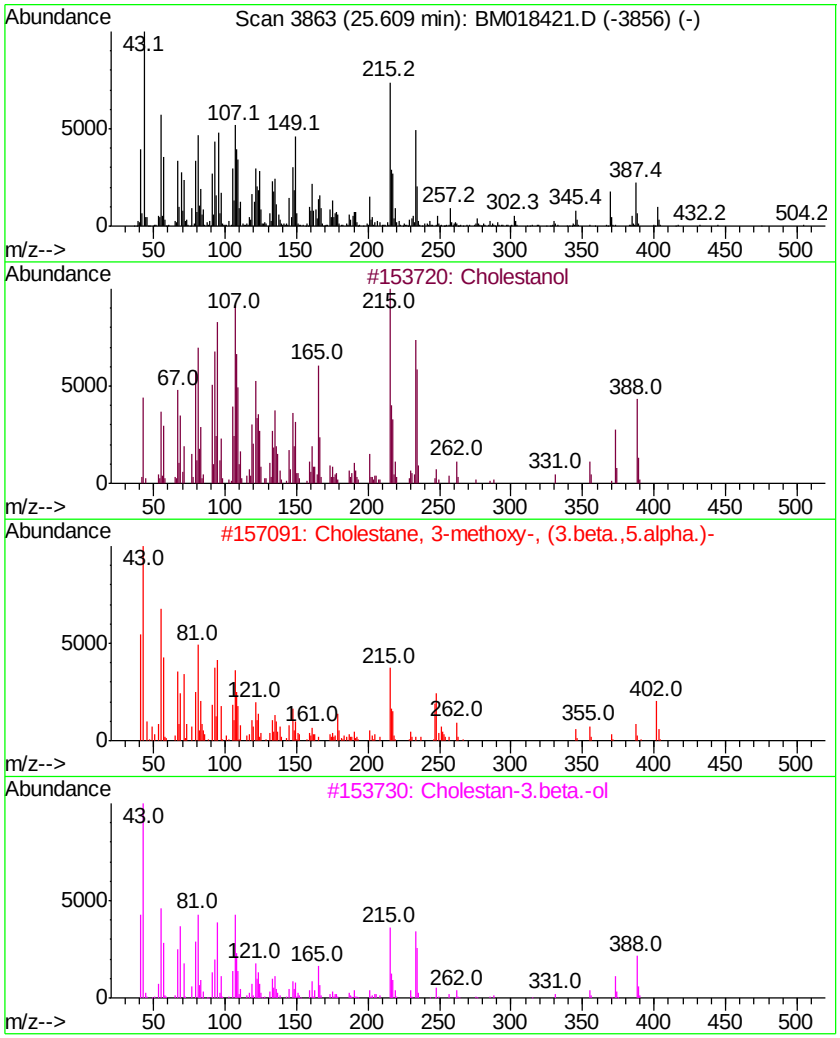
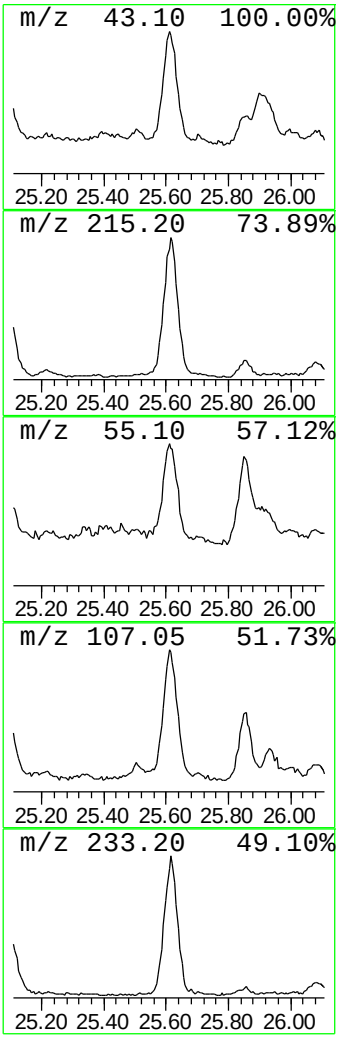
Peak Number 19 Cholestanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.61	14.13 ng	5053950	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	95
2	Cholestane, 3-methoxy-, (3.beta....	402	C28H50O	001981-90-4	49
3	Cholestan-3.beta.-ol	388	C27H48O	017608-41-2	43
4	Cholestan-3-ol, (3.beta.,5.beta.)-	388	C27H48O	000360-68-9	40
5	Epicholestanol	388	C27H48O	000516-95-0	38





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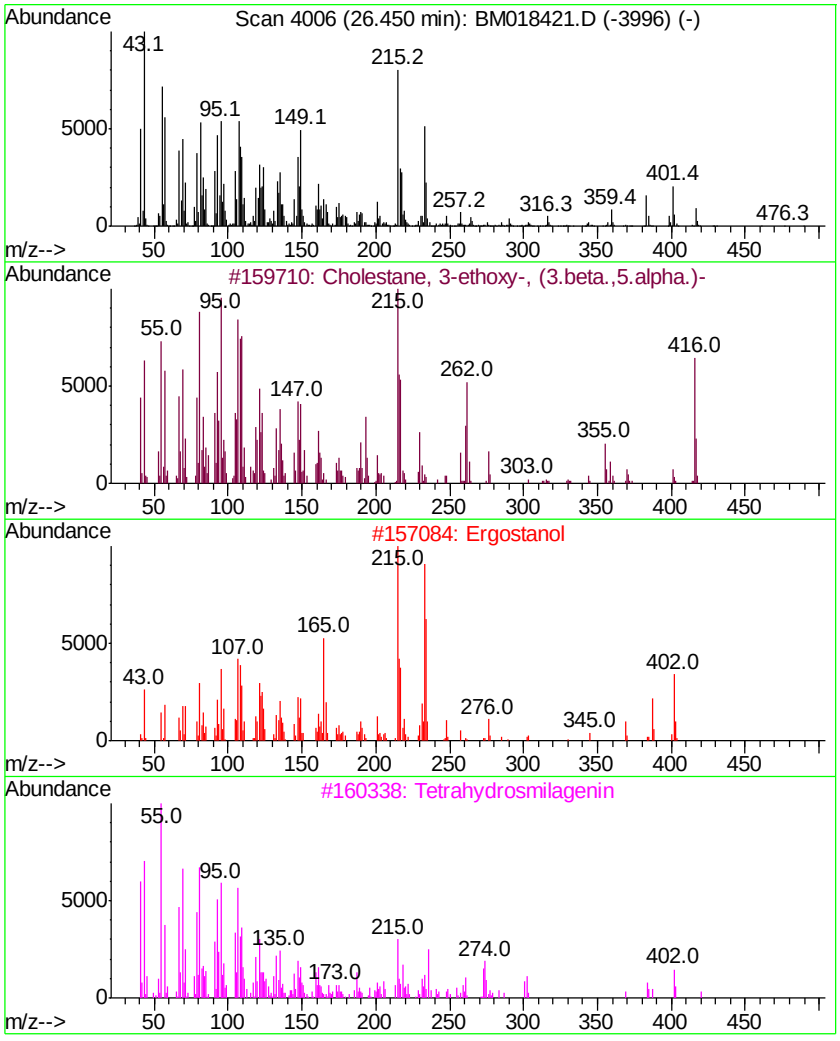
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

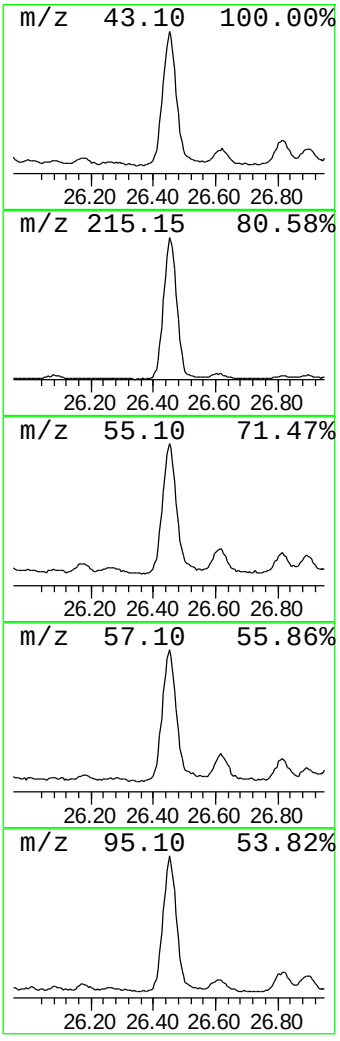
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cholestane, 3-ethoxy-, (3.b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.45	63.00 ng	22529600	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	60
2	Ergostanol	402	C28H50O	006538-02-9	43
3	Tetrahydrosmilagenin	420	C27H48O3	1000255-29-0	25
4	4-Quinolinol, 4-(3-buten-1-ynyl)...	233	C15H23NO	037982-01-7	15
5	Cyclopent[e]-1,3-oxazine, octahy...	216	C13H16N2O	1000138-92-2	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018421.D
Acq On : 28 Dec 2018 06:39
Operator : JU/SJ
Sample : J6572-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381206005-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Octanol, 3,7-di...	9.01	85.1	ng	14784900	1	7.78	3475960	20.0
Tridecane	11.99	10.9	ng	2745990	2	10.57	5031450	20.0
1-Decene	14.07	31.7	ng	15394300	3	14.43	9706920	20.0
Caffeine	17.49	14.8	ng	7050210	4	17.18	9509750	20.0
1-Hexadecanol	17.56	16.5	ng	7850530	4	17.18	9509750	20.0
n-Hexadecanoic acid	18.10	77.0	ng	36599900	4	17.18	9509750	20.0
unknown18.63	18.63	104.4	ng	49630200	4	17.18	9509750	20.0
Octadecanoic acid	19.36	18.9	ng	9663570	5	21.37	10216300	20.0
Butyl citrate	19.50	43.0	ng	21948600	5	21.37	10216300	20.0
Prasterone	21.66	40.9	ng	20869600	5	21.37	10216300	20.0
unknown22.23	22.23	31.9	ng	16314200	5	21.37	10216300	20.0
1-Heptadecene	22.29	31.9	ng	16304200	5	21.37	10216300	20.0
Tetradecane	22.96	10.1	ng	3619240	6	23.66	7151990	20.0
11-Octadecenoic a...	24.62	16.2	ng	5784300	6	23.66	7151990	20.0
Vitamin E acetate	24.99	78.4	ng	28020200	6	23.66	7151990	20.0
Cholestan-3-one	25.04	22.7	ng	8126000	6	23.66	7151990	20.0
Cholestanol	25.61	14.1	ng	5053950	6	23.66	7151990	20.0
Cholestane, 3-eth...	26.45	63.0	ng	22529600	6	23.66	7151990	20.0