LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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-BP010820.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	2.864	9	13	22	rVB3	38006	70706	4.07%	0.427%
2	2.946	22	27	38	rVB	193388	249781	14.39%	1.509%
3	4.793	337	341	352	rVB	145395	196773	11.33%	1.189%
4	5.258	414	420	427	rBV	620072	869521	50.08%	5.253%
5	6.828	676	687	703	rVB	649472	1045147	60.20%	6.314%
6	7.169	738	745	753	rBV	623721	984097	56.68%	5.945%
7	7.281	760	764	770	rBV2	16333	25609	1.47%	0.155%
8	7.628	816	823	832	rVB	173085	269092	15.50%	1.626%
9	7.946	867	877	884	rBV	481433	757831	43.65%	4.578%
10	8.187	911	918	923	rVB6	13627	27414	1.58%	0.166%
11	8.516	967	974	978	rBV5	9171	18105	1.04%	0.109%
12	8.722	999	1009	1010	rBV7	12672	27435	1.58%	0.166%
13	8.775	1011	1018	1025	rVB	386900	628061	36.17%	3.794%
14	8.869	1030	1034	1044	rVB	34524	65577	3.78%	0.396%
15	8.957	1044	1049	1051	rBV5	13360	22898	1.32%	0.138%
16	8.987	1051	1054	1061	rVB5	17697	30461	1.75%	0.184%
17	9.287	1100	1105	1109	rBV	15497	23081	1.33%	0.139%
18	9.340	1109	1114	1120	rVB5	20930	33367	1.92%	0.202%
19	9.599	1153	1158	1167	rVB7	21778	48116	2.77%	0.291%
20	9.869	1197	1204	1210	rVB6	11334	26975	1.55%	0.163%
21	10.404	1286	1295	1301	rBV	193442	346116	19.93%	2.091%
22	10.598	1323	1328	1333	rBV	26399	38455	2.21%	0.232%
23	11.463	1469	1475	1480	rBV	23806	42879	2.47%	0.259%
24	11.869	1535	1544	1549	rBV2	16175	30154	1.74%	0.182%
25	12.081	1571	1580	1589	rVB5	9248	24130	1.39%	0.146%
26	12.193	1589	1599	1613	rBV2	25102	97373	5.61%	0.588%
27	12.892	1712	1718	1731	rVB	834420	1178467	67.87%	7.120%
28	13.128	1751	1758	1766	rVB5	10455	20382	1.17%	0.123%
29	13.739	1857	1862	1868	rBV	45258	59055	3.40%	0.357%
30	13.992	1899	1905	1914	rBV	20585	34961	2.01%	0.211%
31	14.275	1947	1953	1960	rBV2	258594	390084	22.47%	2.357%
32	14.834	2039	2048	2054	rBV6	8172	25418	1.46%	0.154%
33	15.334	2128	2133	2139	rBV	18091	27360	1.58%	0.165%
34	15.781	2202	2209	2221	rBV	752805	1105347	63.66%	6.678%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.857	2384	2392	2395	rBV4	9510	19845	1.14%	0.120%
36	17.039	2417	2423	2427	rBV	332306	485147	27.94%	2.931%
37	17.080	2427	2430	2436	rVV	123570	158291	9.12%	0.956%
38	17.169	2440	2445	2452	rVB	44944	67659	3.90%	0.409%
39	17.916	2567	2572	2576	rBV	15509	23353	1.35%	0.141%
40	17.980	2576	2583	2599	rBV	564632	963320	55.48%	5.820%
41	18.104	2599	2604	2608	rVB2	28947	48529	2.80%	0.293%
42	18.404	2650	2655	2658	rBV	10913	18599	1.07%	0.112%
43	18.810	2720	2724	2728	rBV4	14740	22885	1.32%	0.138%
44	18.875	2730	2735	2738	rBV4	14796	21056	1.21%	0.127%
45	19.063	2762	2767	2771	rBV	212995	276387	15.92%	1.670%
46	19.098	2771	2773	2776	rVB3	18281	22153	1.28%	0.134%
47	19.216	2788	2793	2805	rBV2	303320	486773	28.04%	2.941%
48	19.416	2819	2827	2835	rVB	178921	282119	16.25%	1.704%
49	19.627	2857	2863	2874	rVB	1422949	1736243	100.00%	10.490%
50	19.904	2907	2910	2916	rVB2	28221	32174	1.85%	0.194%
51	19.998	2923	2926	2930	rBV	27139	32940	1.90%	0.199%
52	20.057	2932	2936	2939	rVV2	20908	29629	1.71%	0.179%
53	20.833	3065	3068	3071	rBV3	20478	25945	1.49%	0.157%
54	20.886	3073	3077	3094	rVB4	225692	402366	23.17%	2.431%
55	21.139	3114	3120	3124	rBV2	427525	663696	38.23%	4.010%
56	21.174	3124	3126	3136	rVB	96301	125210	7.21%	0.756%
57	21.321	3148	3151	3158	rVB3	46324	63208	3.64%	0.382%
58	21.757	3222	3225	3232	rVB	54938	71954	4.14%	0.435%
59	22.227	3301	3305	3310	rVB	77080	103827	5.98%	0.627%
60	22.698	3381	3385	3389	rBV	68935	142763	8.22%	0.863%
61	22.739	3389	3392	3397	rVB2	129483	192195	11.07%	1.161%
62	23.174	3462	3466	3475	rVB	50772	98310	5.66%	0.594%
63	23.268	3478	3482	3486	rVV	58046	103099	5.94%	0.623%
64	23.315	3486	3490	3494	rVV	75103	114114	6.57%	0.689%
65	23.368	3494	3499	3505	rVB	226436	399614	23.02%	2.414%
66	23.968	3596	3601	3609	rVB	78879	147738	8.51%	0.893%
67	24.057	3612	3616	3625	rVB4	38604	97885	5.64%	0.591%
68	24.733	3726	3731	3736	rVB	41123	72125	4.15%	0.436%
69	25.615	3875	3881	3892	rVB4	60815	160659	9.25%	0.971%

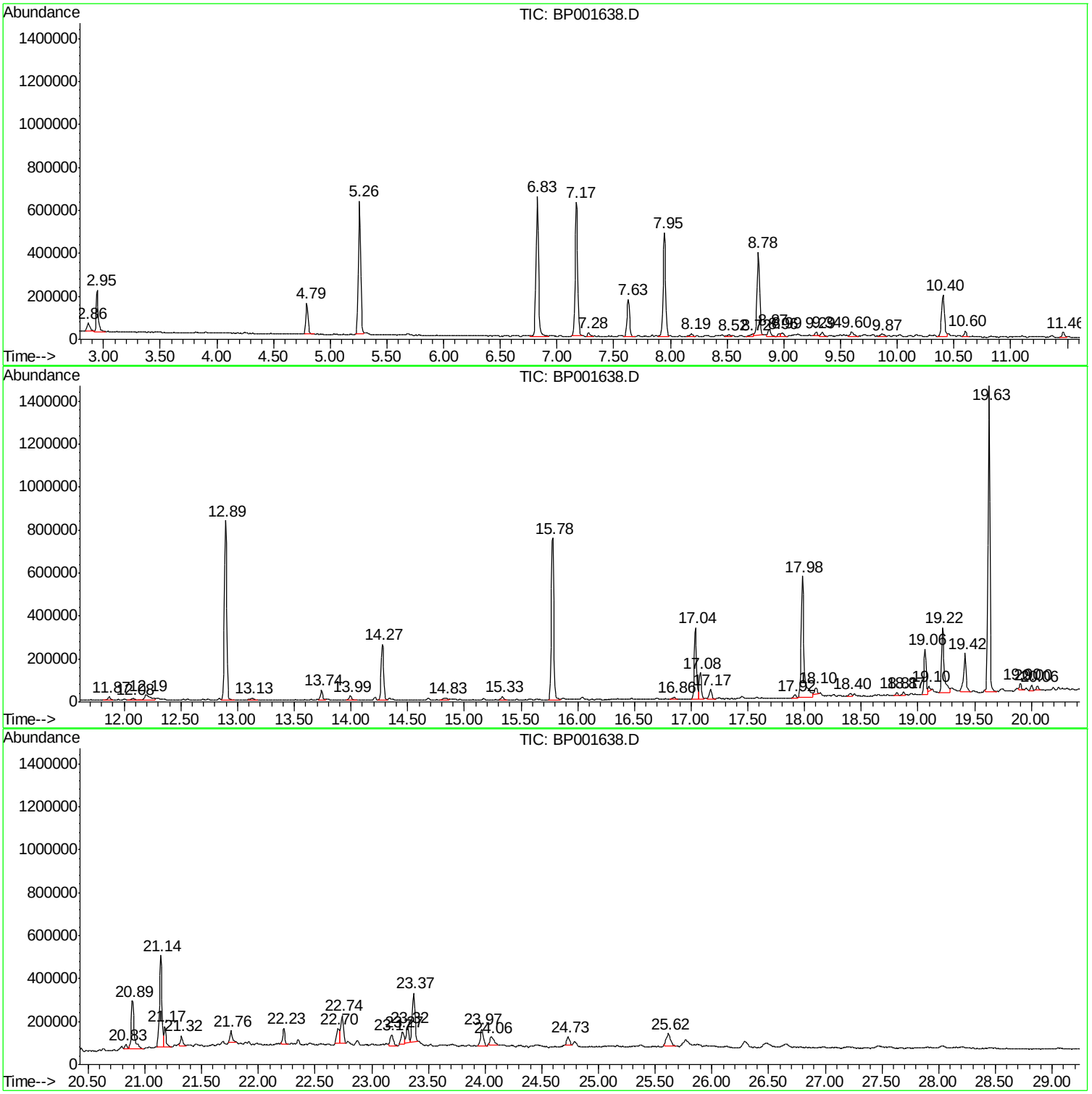
Sum of corrected areas: 16552038

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

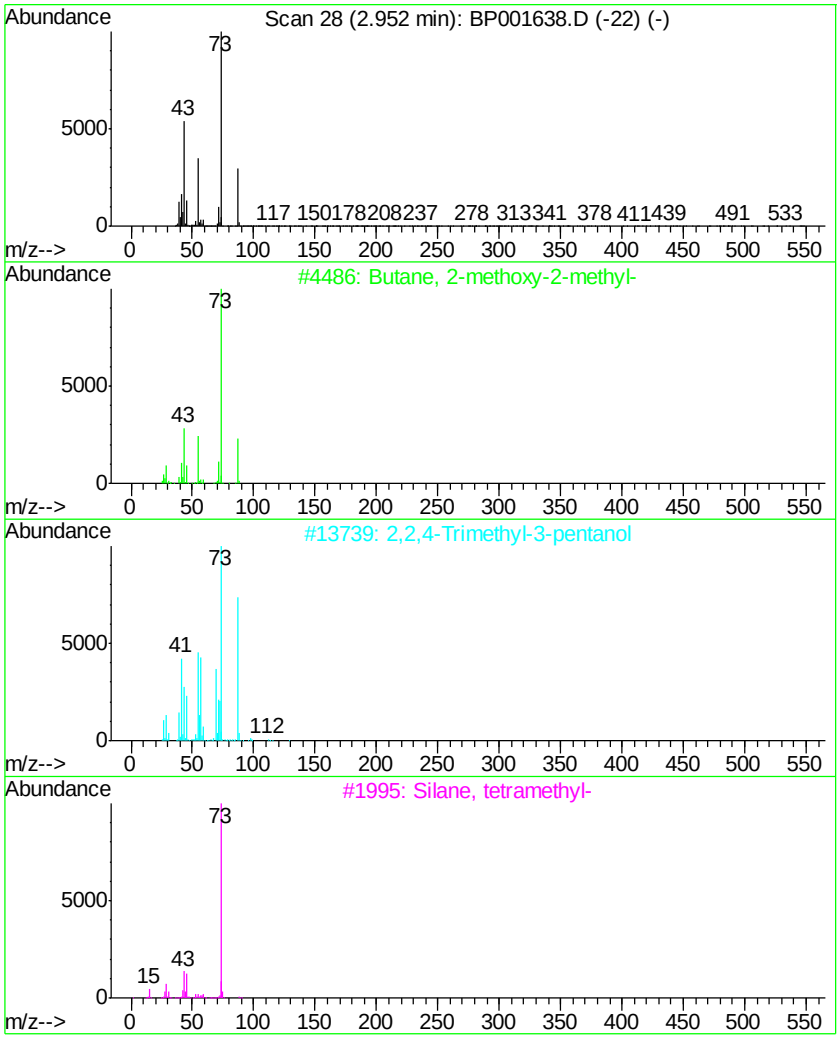
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

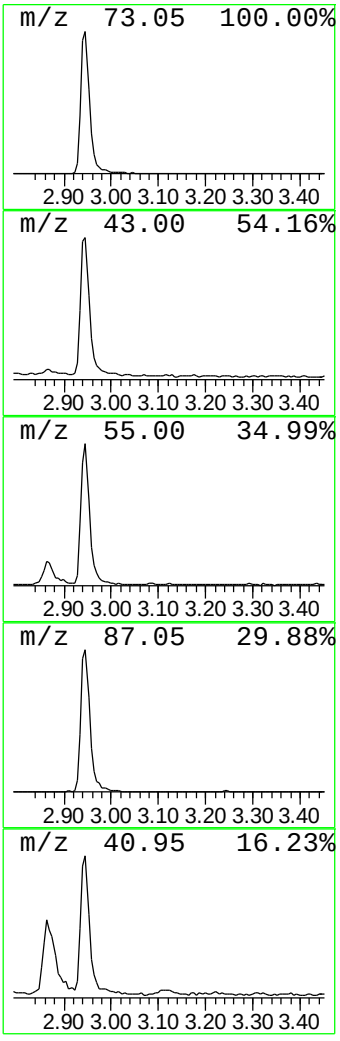
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	18.56 ng	249781	1,4-Dichlorobenzene-d4	7.63

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

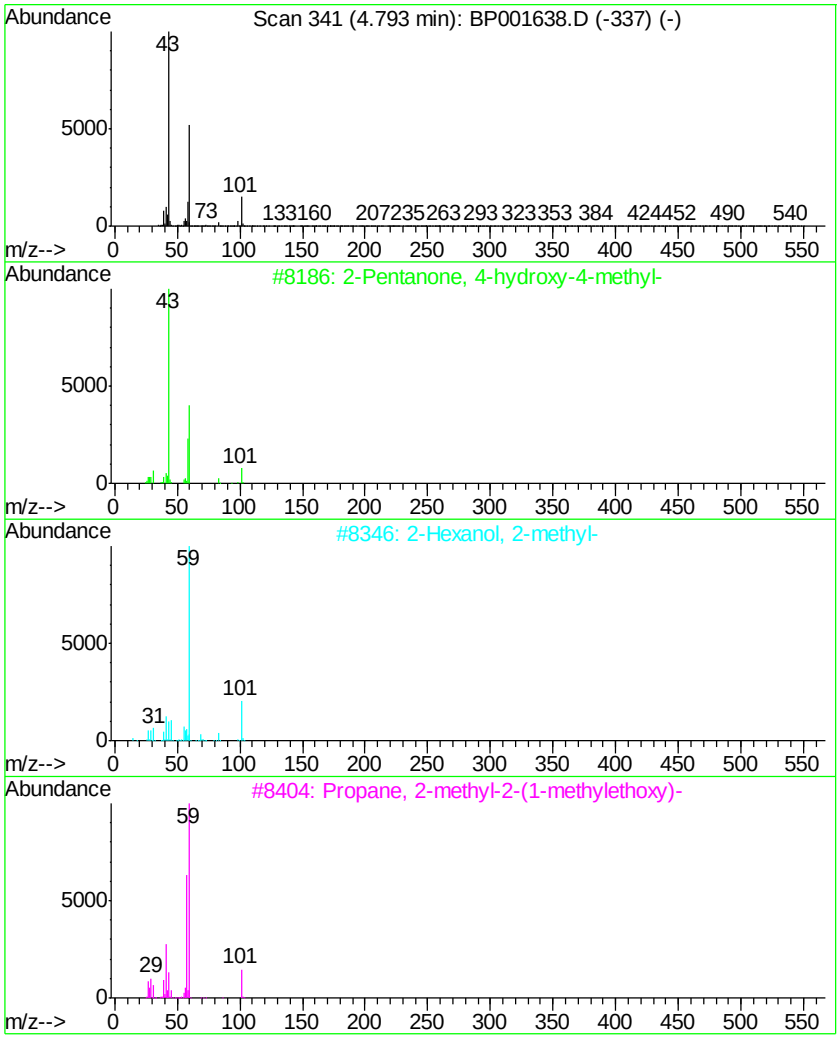
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

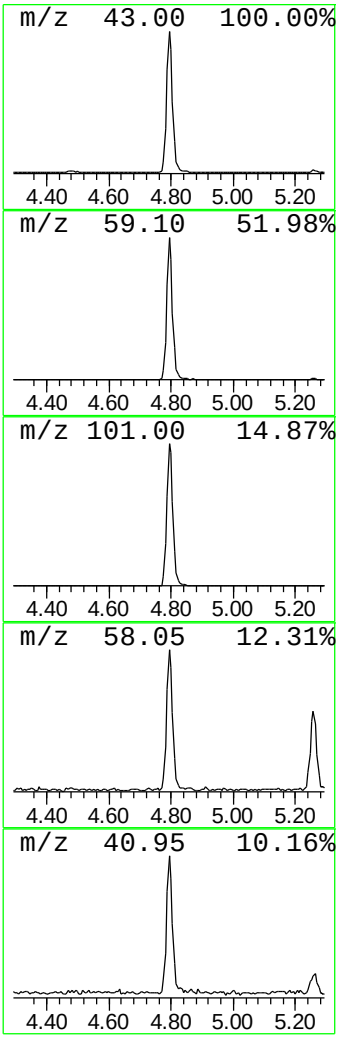
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	14.63 ng	196773	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	33
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

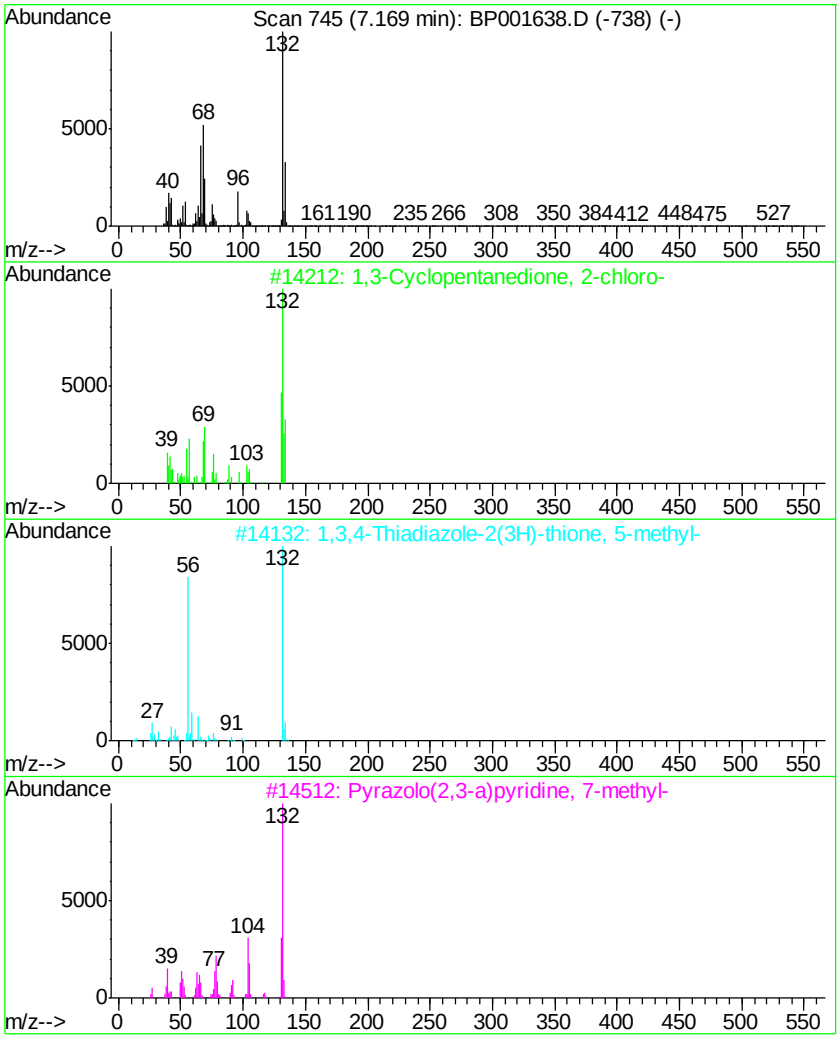
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

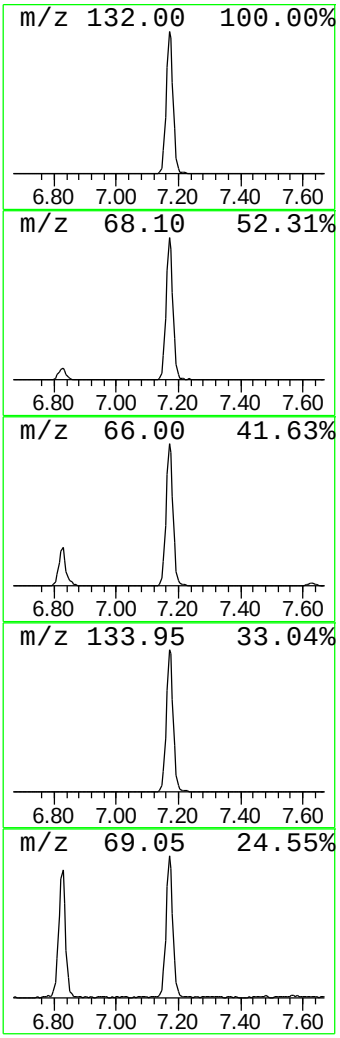
****

Peak Number 4 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	73.14 ng	984097	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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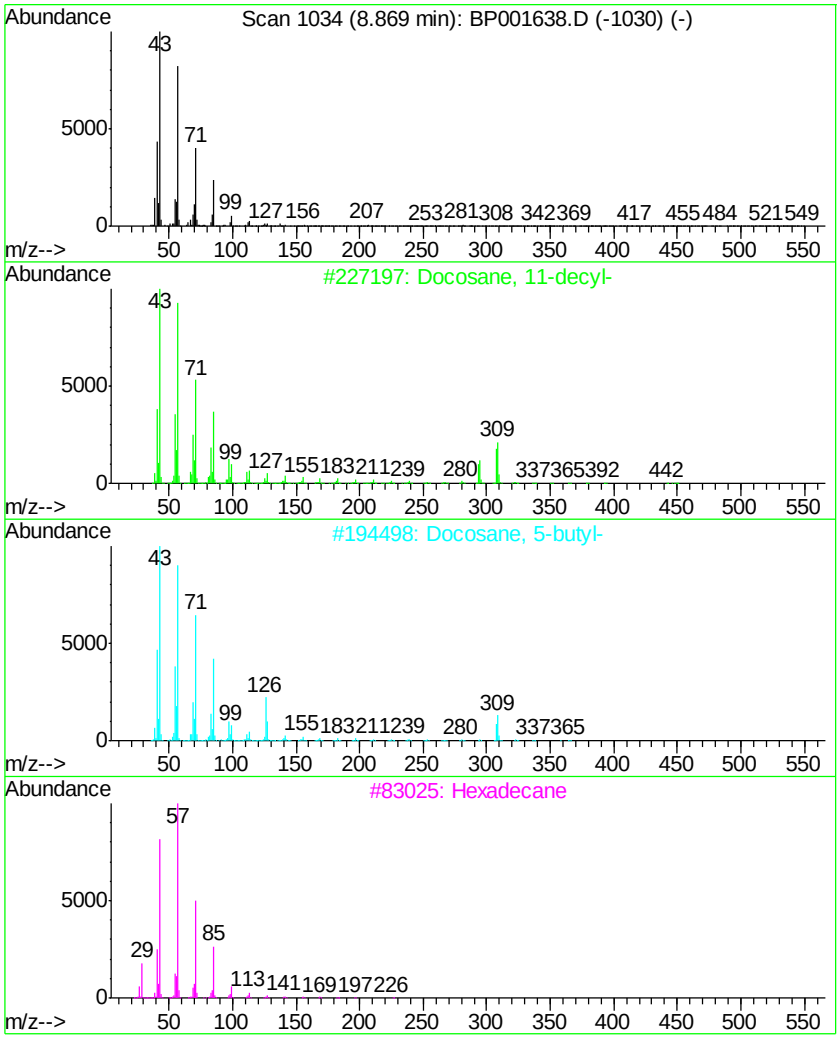
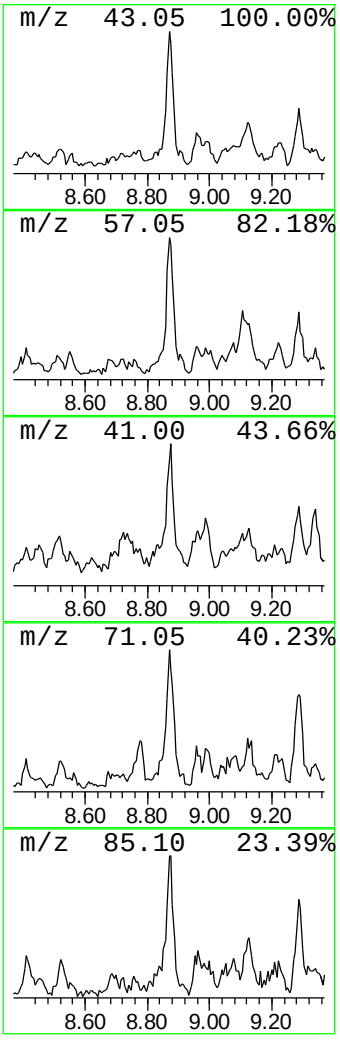
****

Peak Number 6 Docosane, 11-decyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	4.87 ng	65577	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Undecane	156	C11H24	001120-21-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

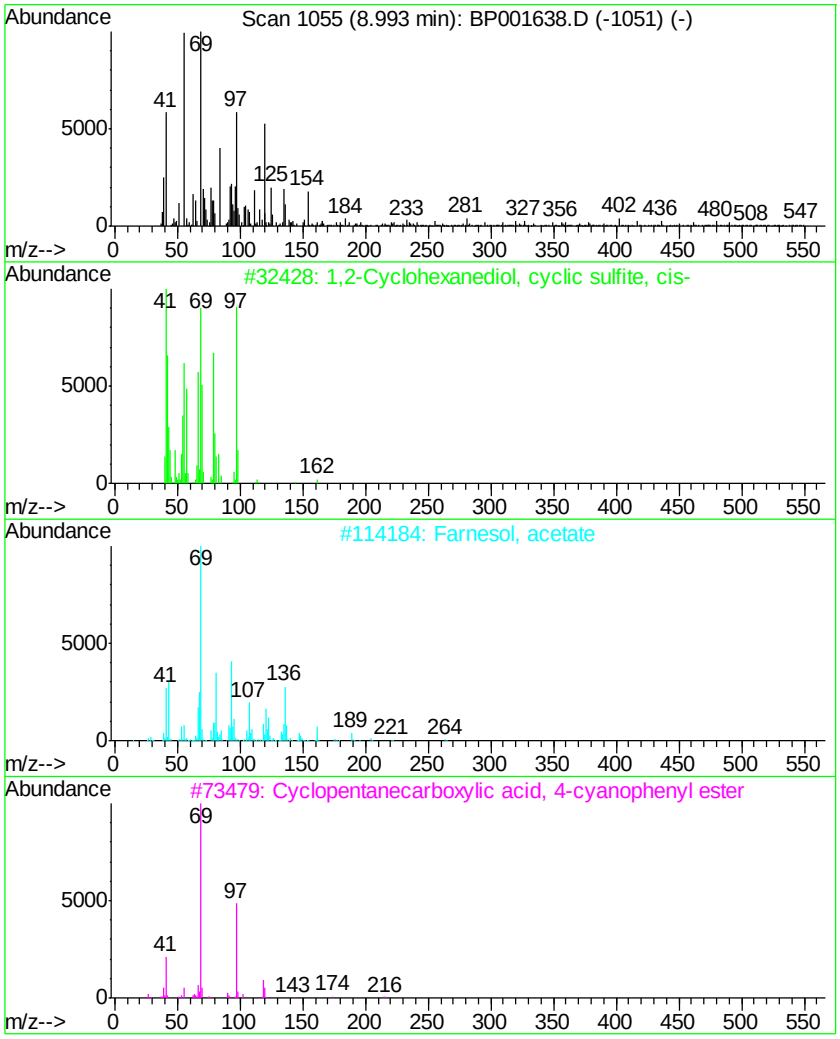
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

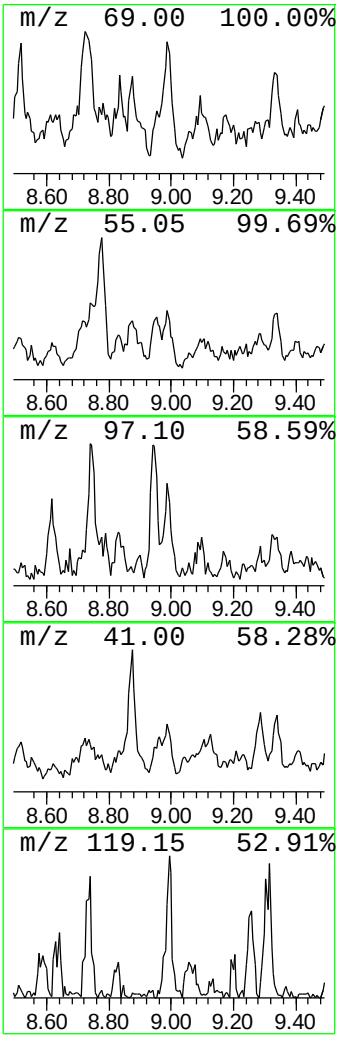
****

Peak Number 7 unknown8.99 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	2.26 ng	30461	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediol, cyclic sulf...	162	C6H10O3S	019456-18-9	49
2	Farnesol, acetate	264	C17H28O2	1000352-67-2	43
3	Cyclopentanecarboxylic acid, 4-c...	215	C13H13NO2	1000307-57-8	40
4	Cyclopentanecarboxylic acid, 2-m...	172	C9H16O3	1000331-06-9	38
5	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

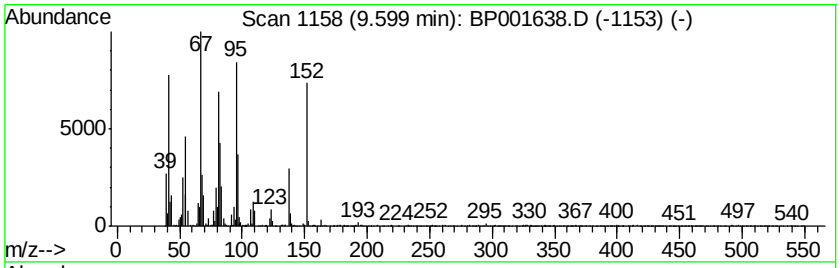
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

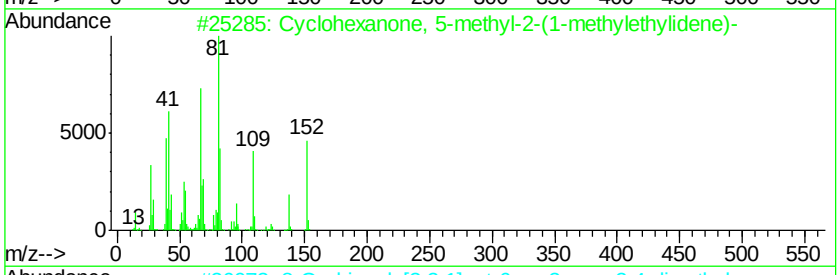
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

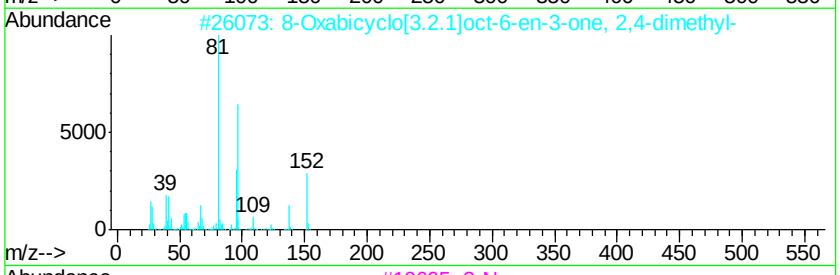
****
Peak Number 8 Cyclohexanone, 5-methyl-2-(... Concentration Rank 16

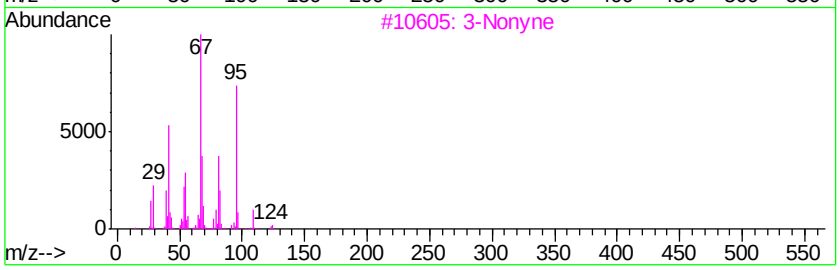
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.78 ng	48116	Naphthalene-d8	10.40

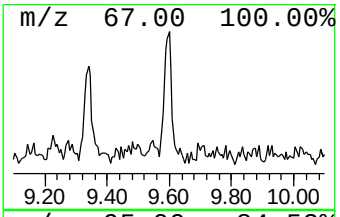
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	52
2	8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	50
3	3-Nonyne	124	C9H16	020184-89-8	46
4	4-Nonyne	124	C9H16	020184-91-2	43
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38

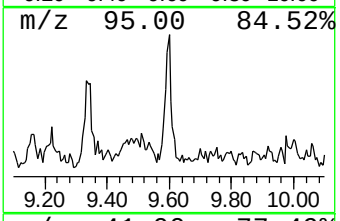


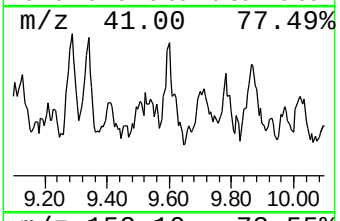


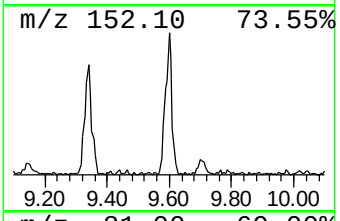


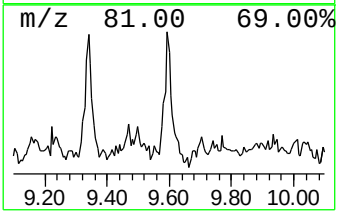












Library Search Compound Report

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Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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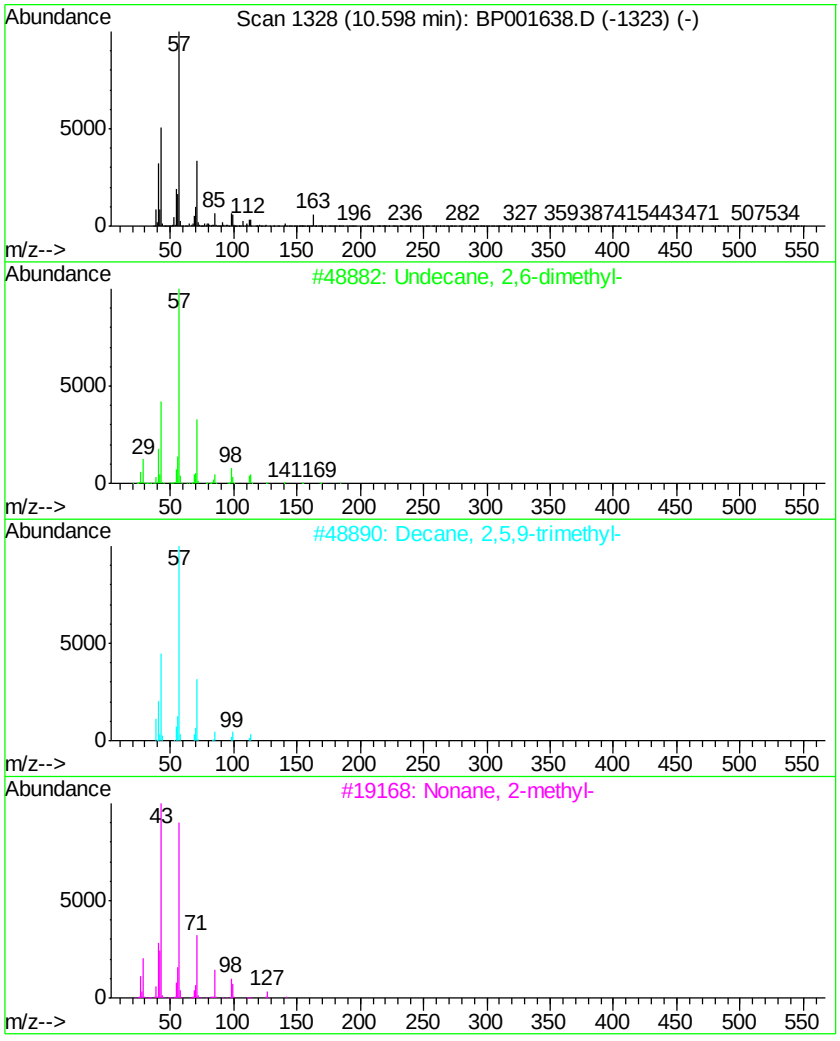
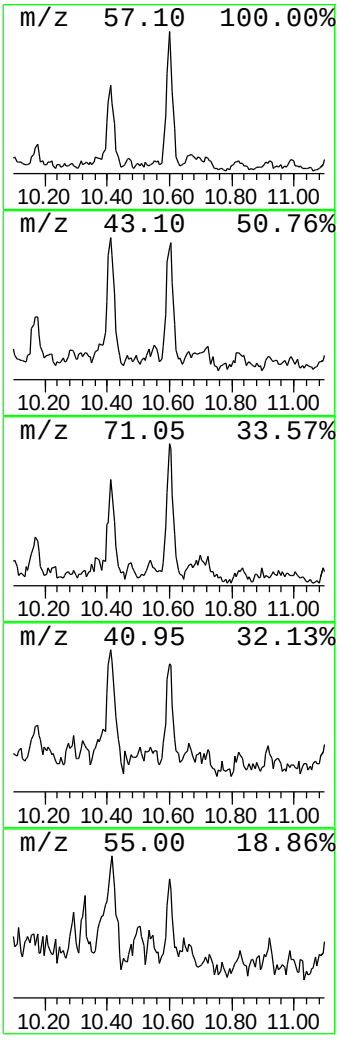
Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.22 ng	38455	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5	Decane	142	C10H22	000124-18-5	64





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Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

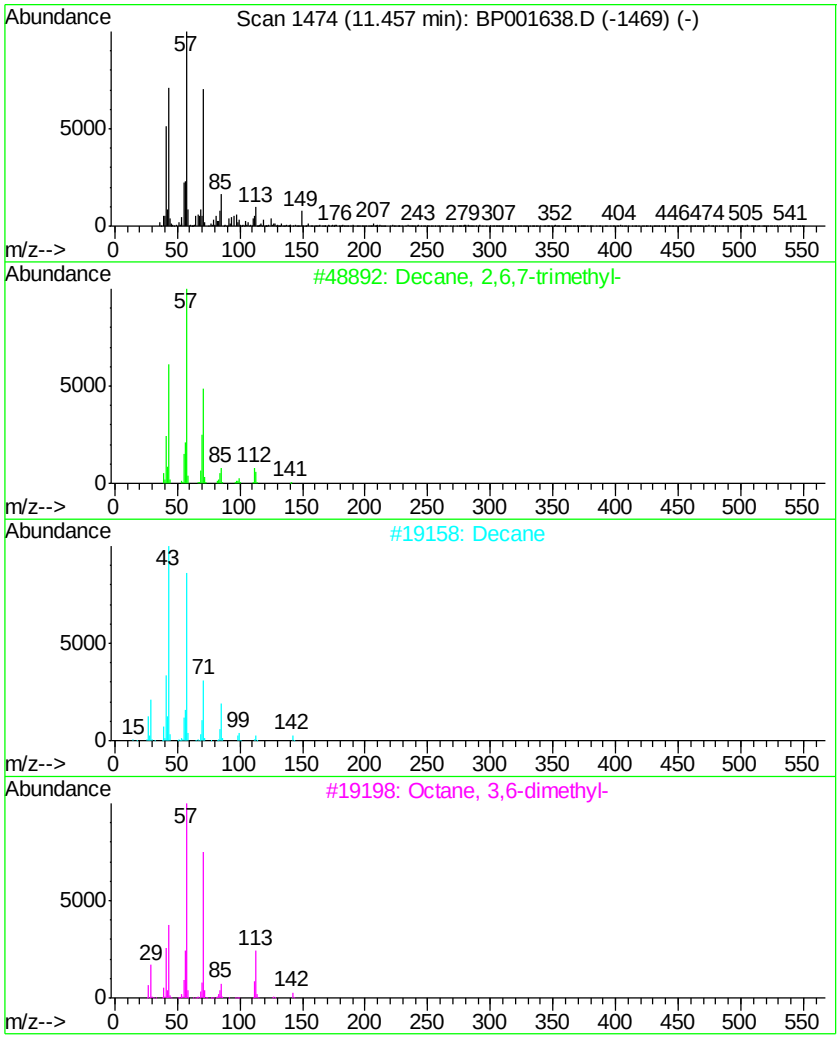
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

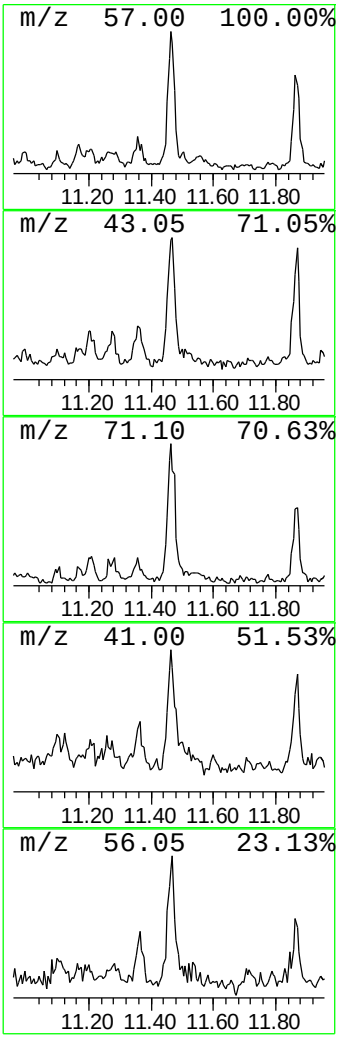
****

Peak Number 10 Decane, 2,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.48 ng	42879	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
2	Decane	142	C10H22	000124-18-5	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58





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Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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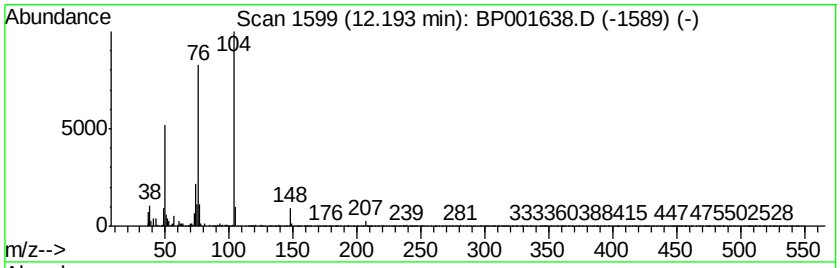
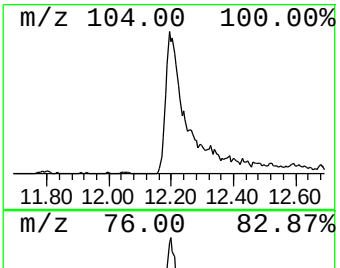
Peak Number 11 Phthalic anhydride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.63 ng	97373	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	91
2	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86
3	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
4	Indan-1,2,3-trione	160	C9H4O3	000938-24-9	83
5	Ninhydrin	178	C9H6O4	000485-47-2	83





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Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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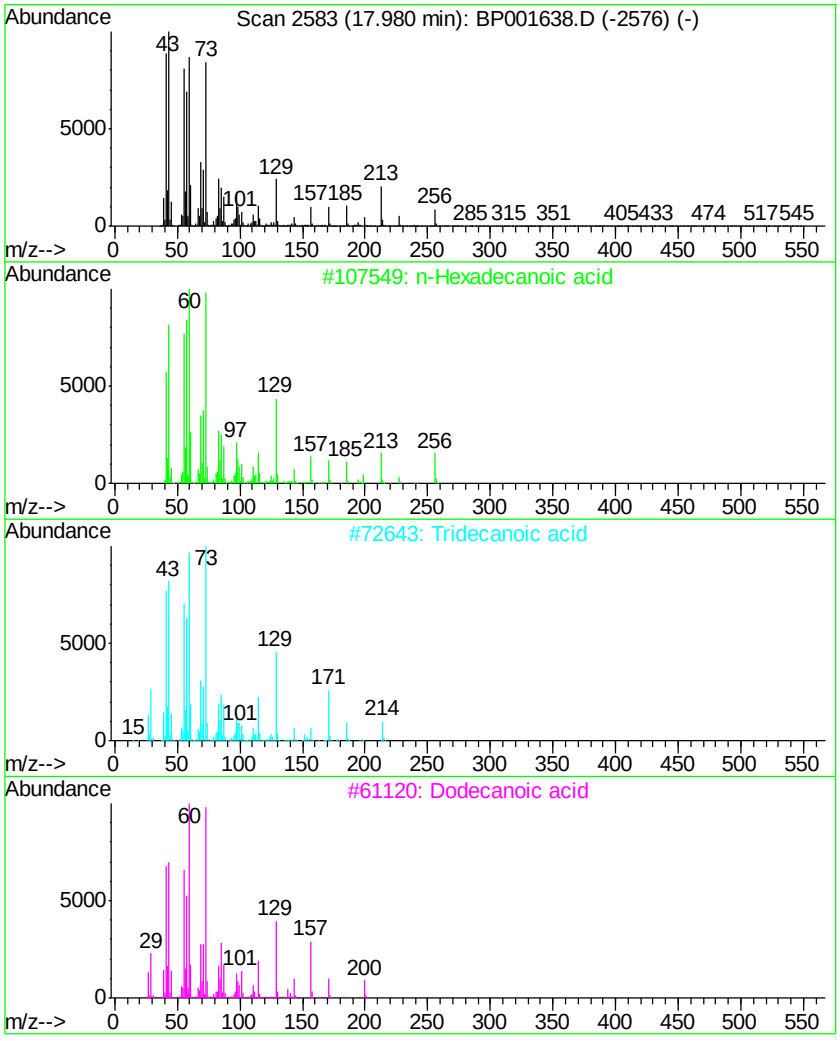
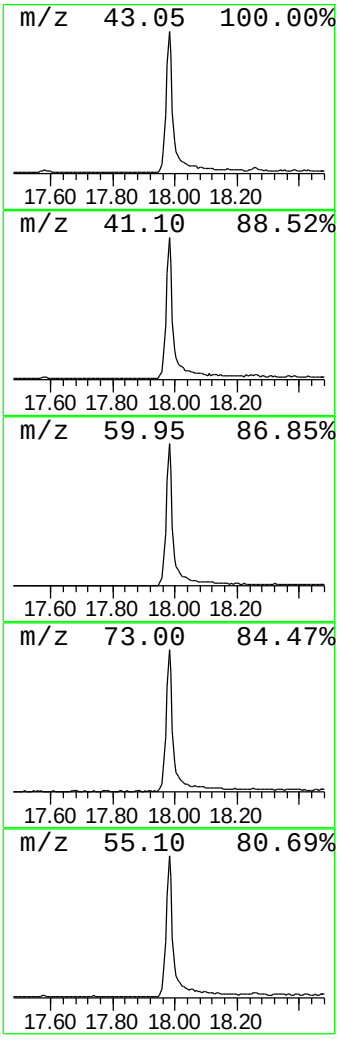
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	39.71 ng	963320	Phenanthrene-d10	17.04

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	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

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Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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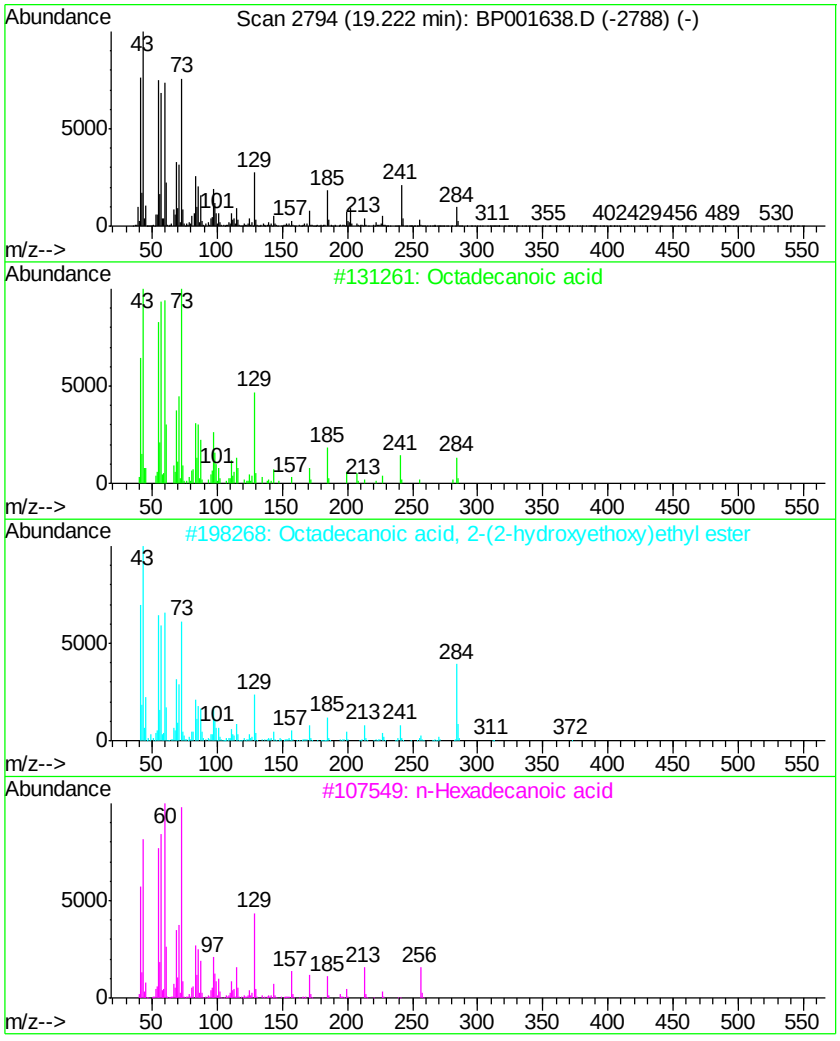
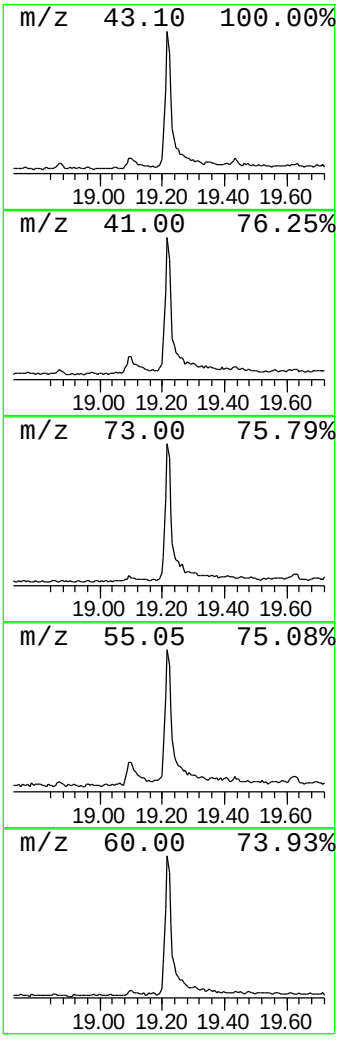
Peak Number 13 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	14.67 ng	486773	Chrysene-d12	21.14

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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	45





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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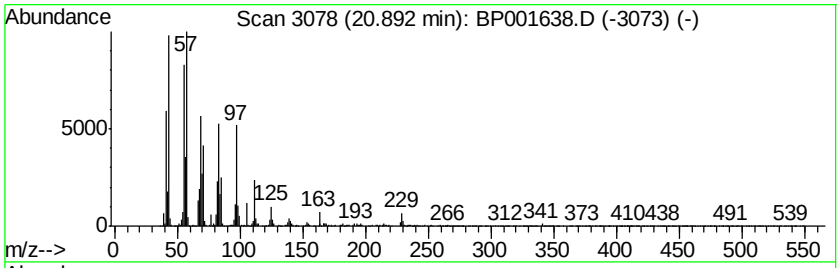
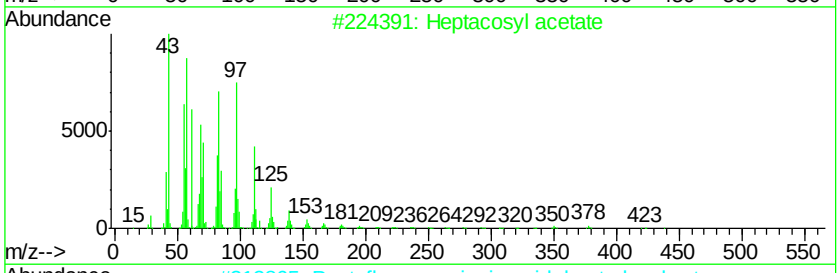
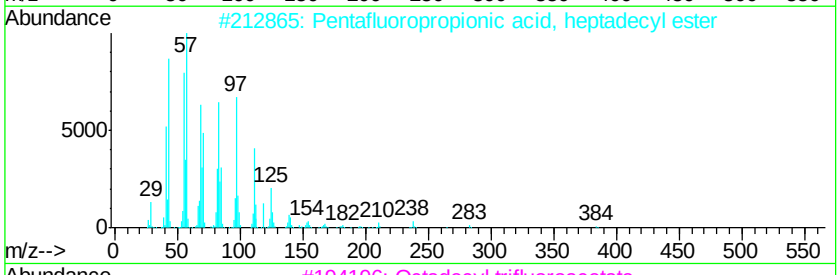
Peak Number 14 Heptacosyl acetate Concentration Rank 7

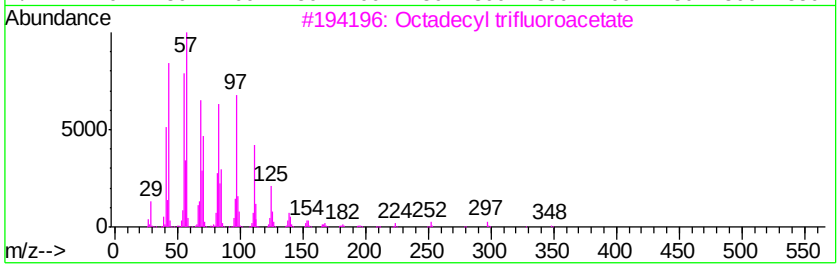
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	12.13 ng	402366	Chrysene-d12	21.14

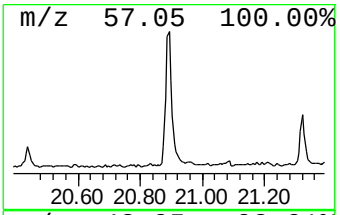
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91

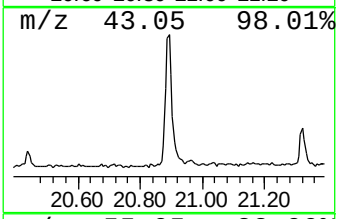


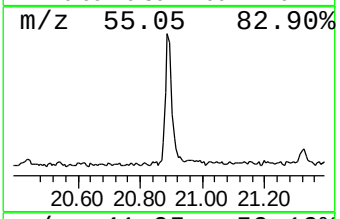


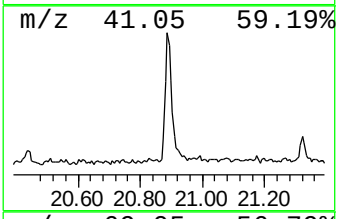


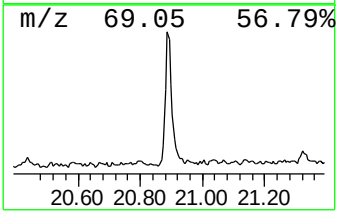












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Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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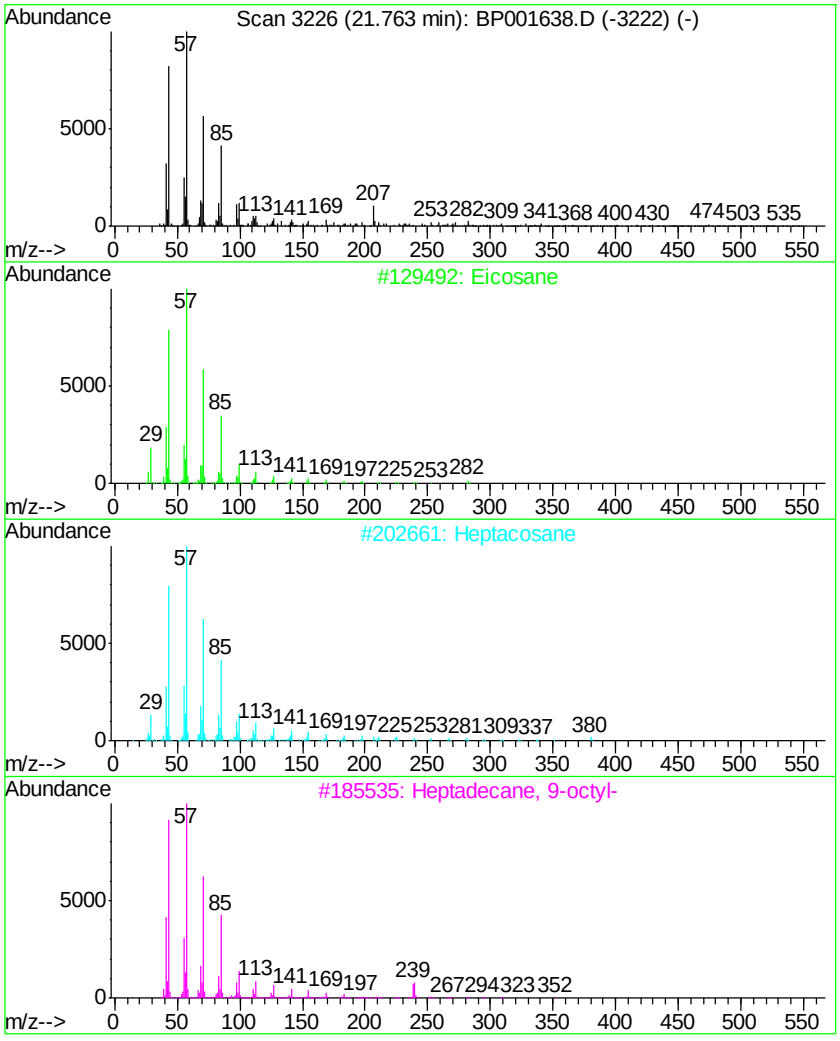
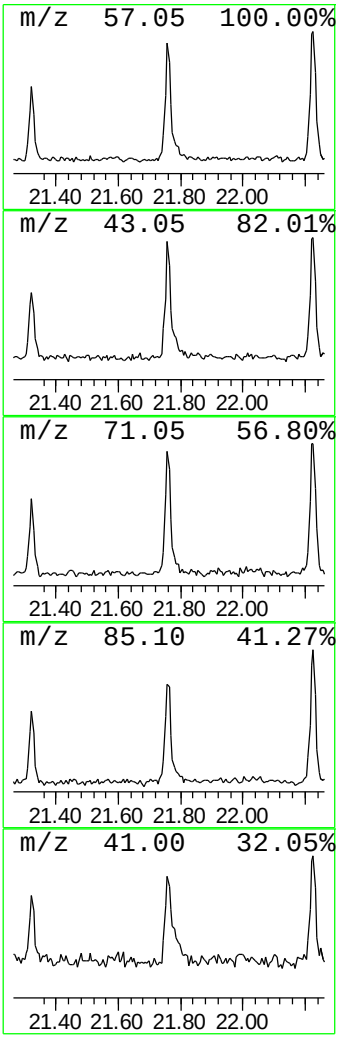
Peak Number 15 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.17 ng	71954	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heptacosane	380	C27H56	000593-49-7	97
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91





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Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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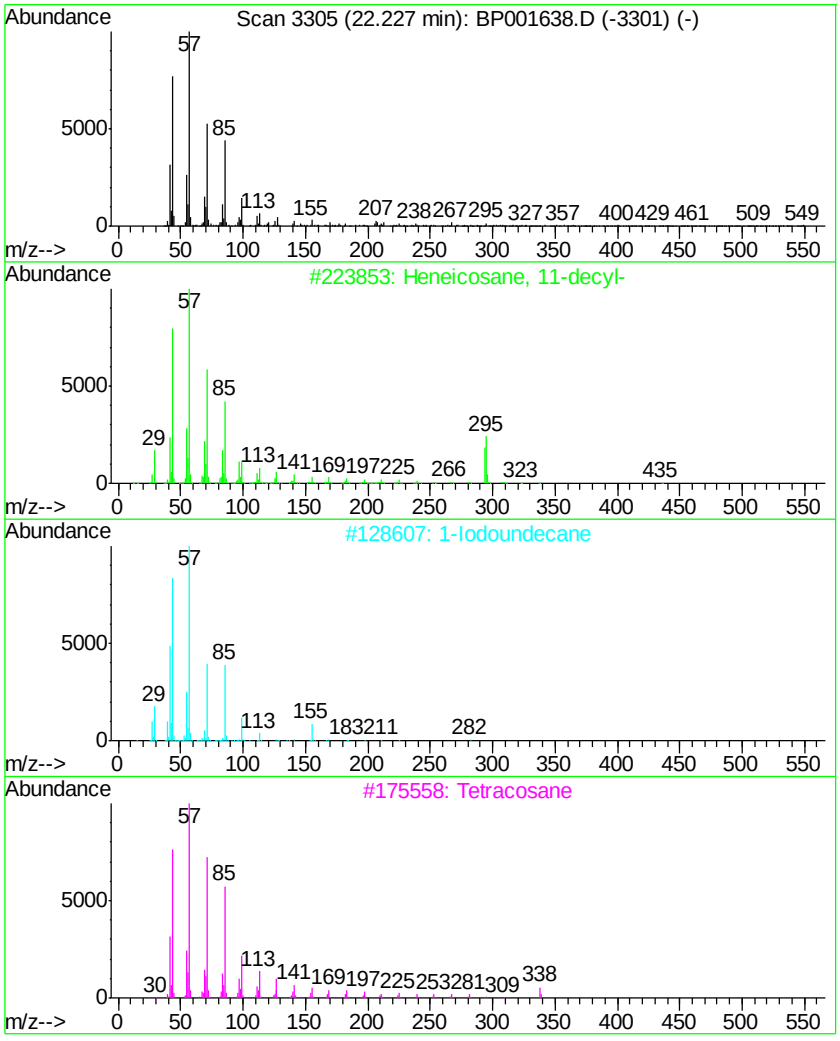
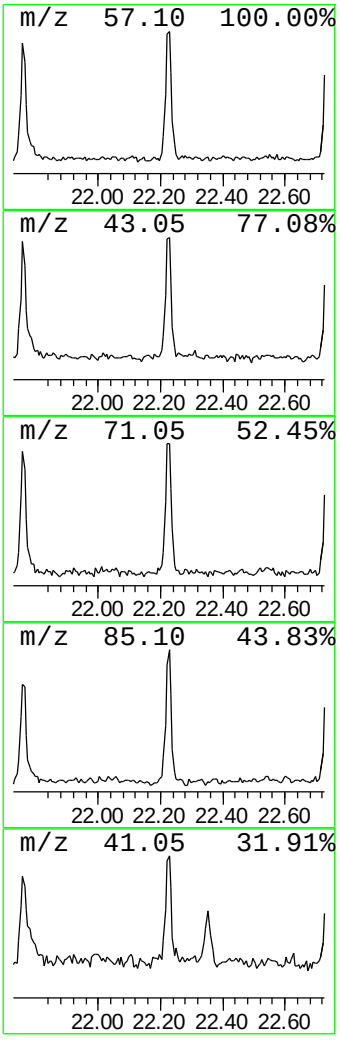
Peak Number 16 Heneicosane, 11-decyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	3.13 ng	103827	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
2	1-Iodoundecane	282	C11H23I	004282-44-4	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Heptacosane	380	C27H56	000593-49-7	86





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Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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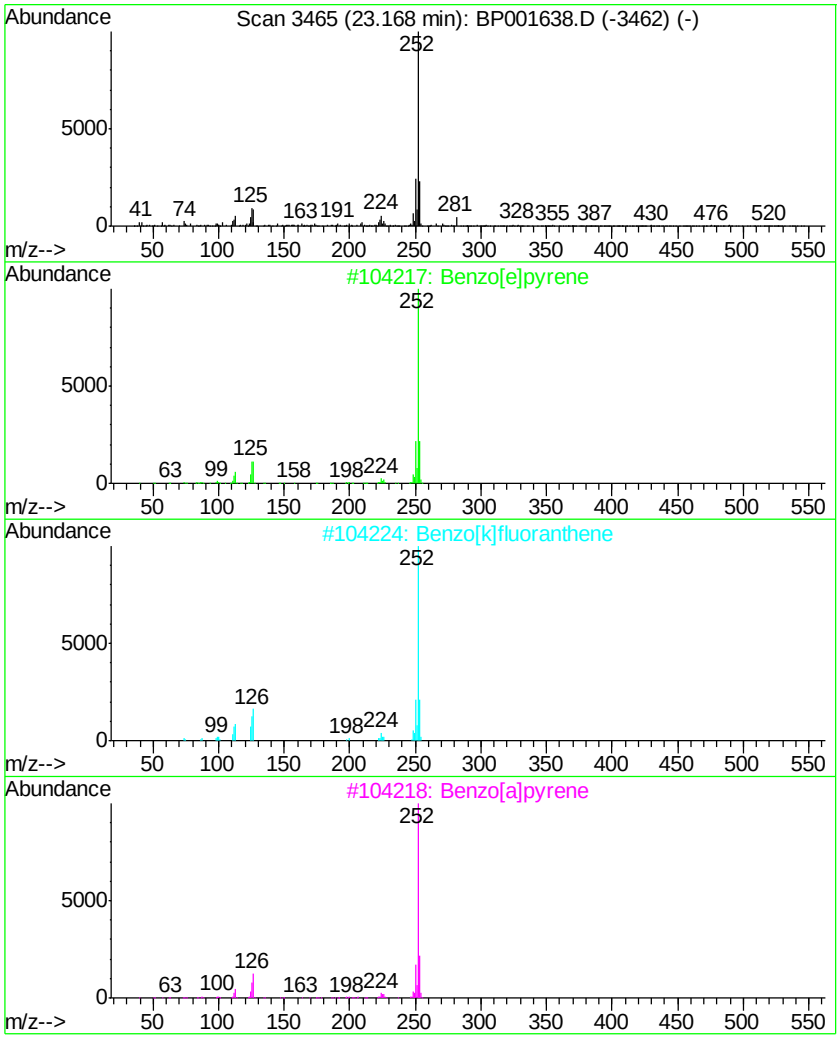
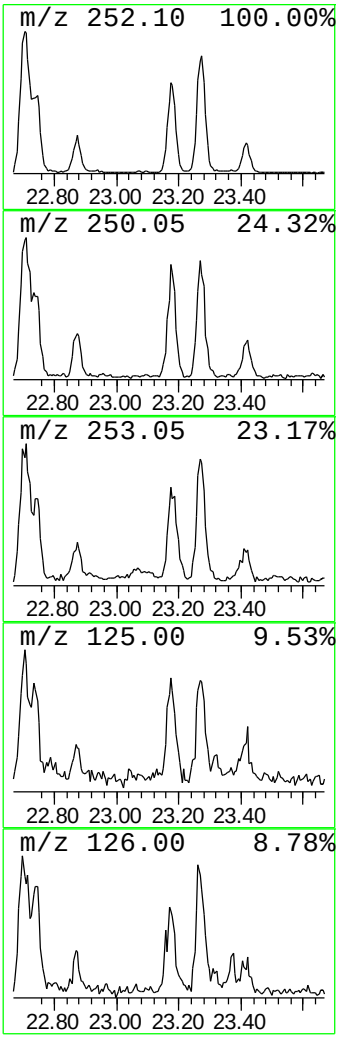
Peak Number 17 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.92 ng	98310	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	74





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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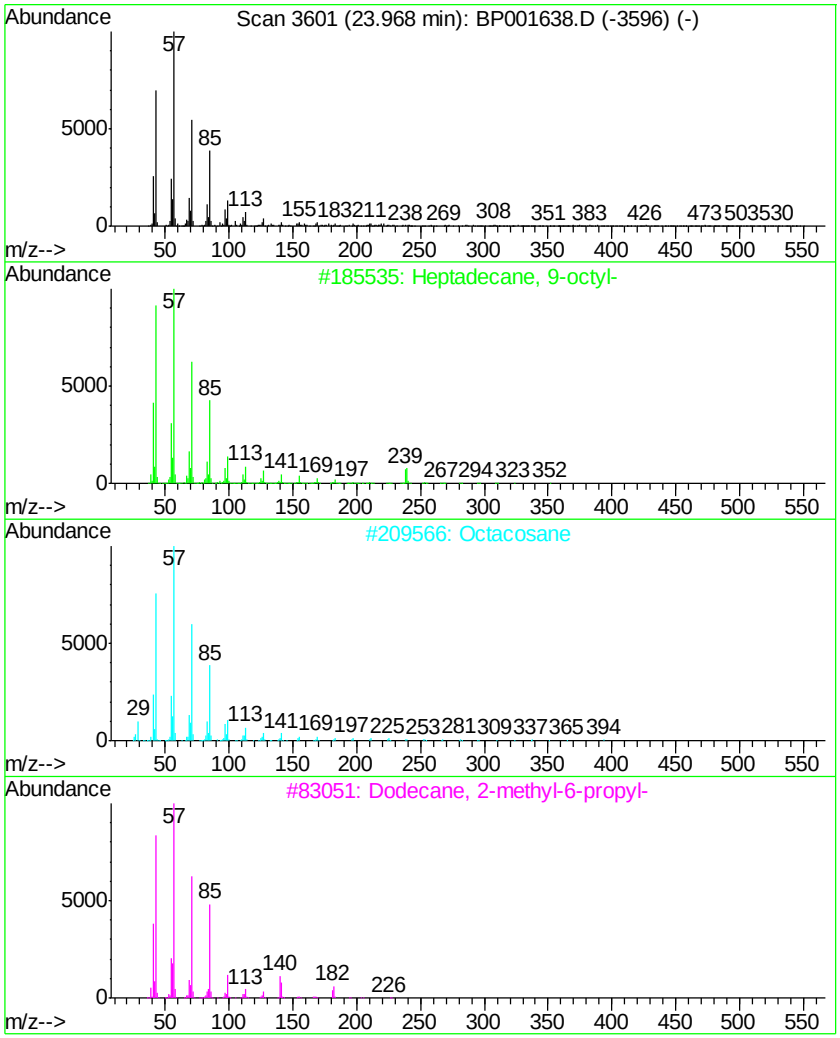
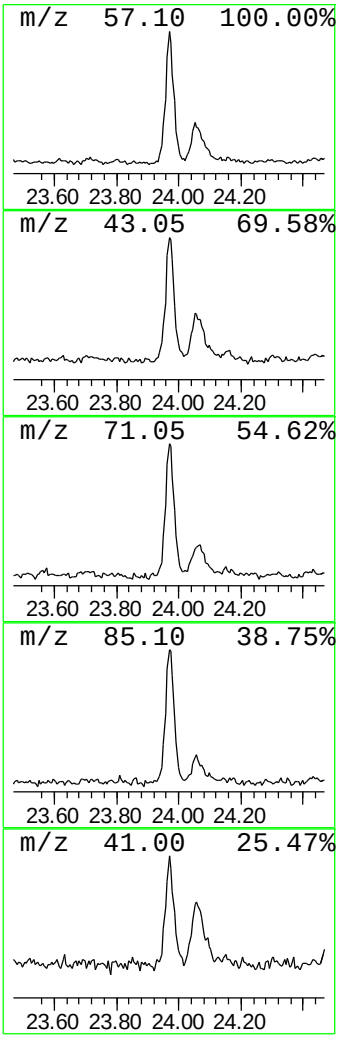
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	7.39 ng	147738	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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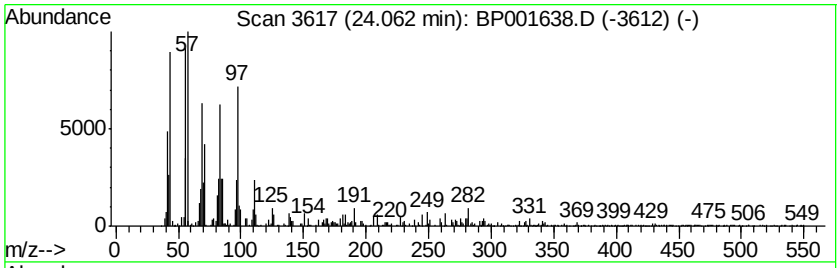
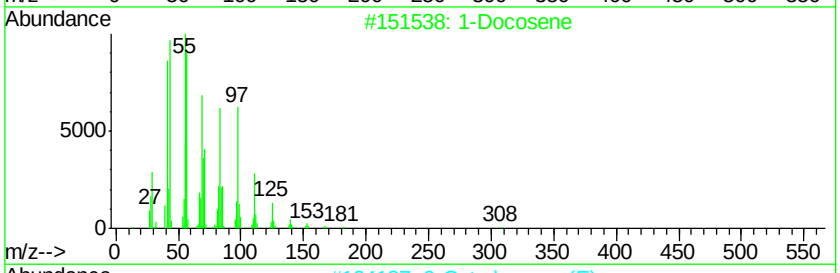
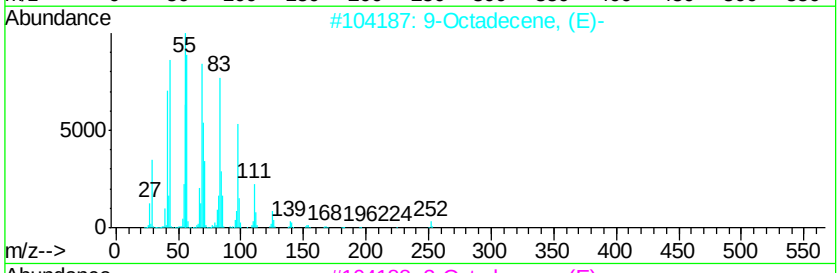
Peak Number 19 1-Docosene Concentration Rank 12

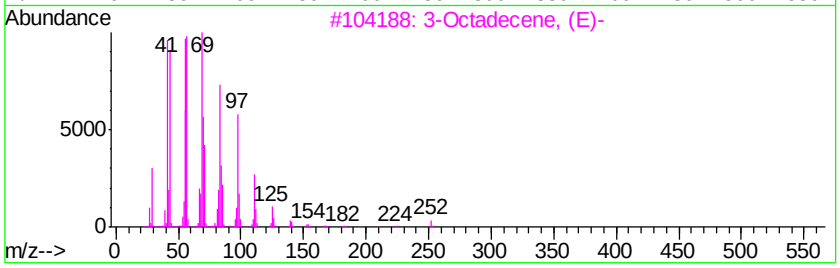
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.90 ng	97885	Perylene-d12	23.37

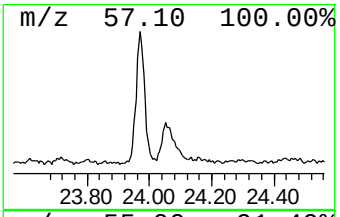
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
4	1-Octadecanethiol	286	C18H38S	002885-00-9	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91

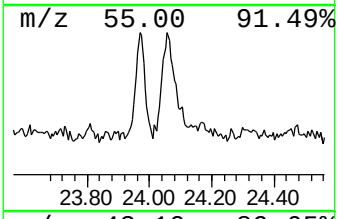


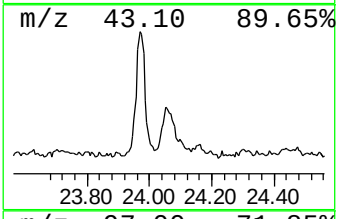


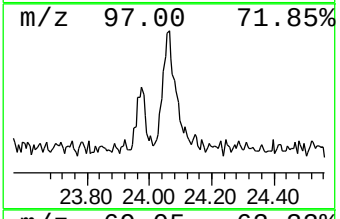


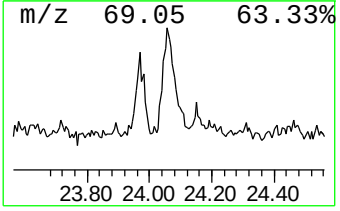












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Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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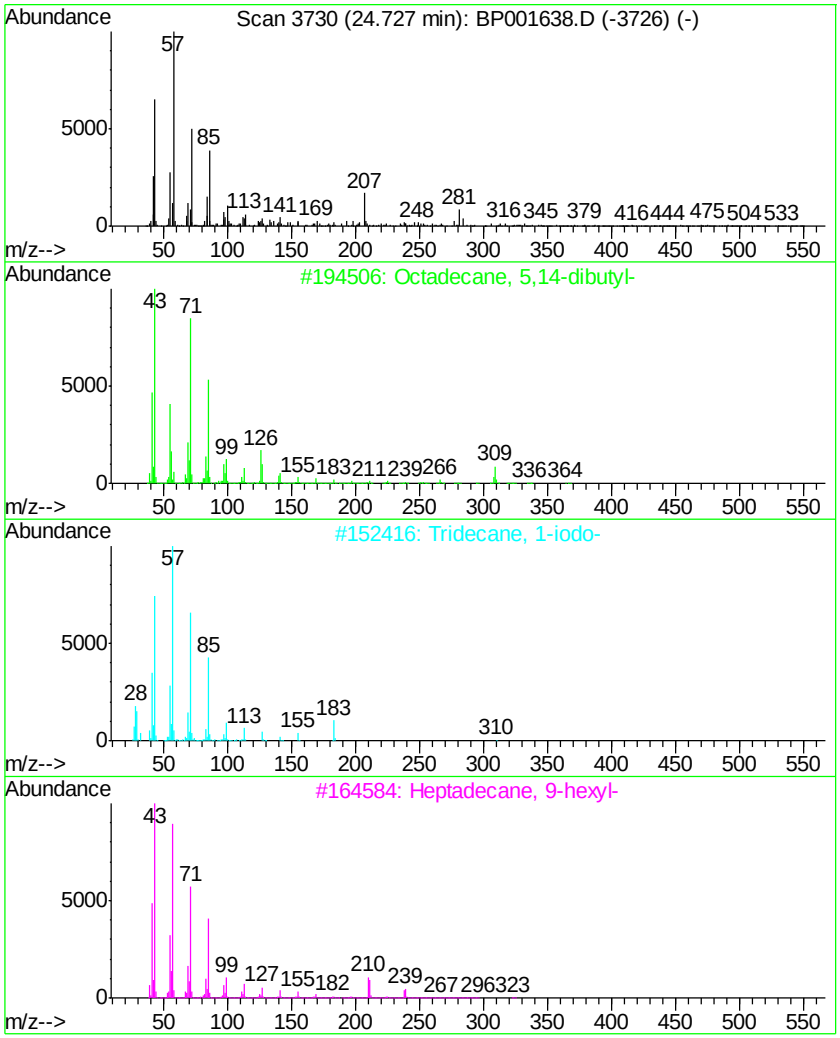
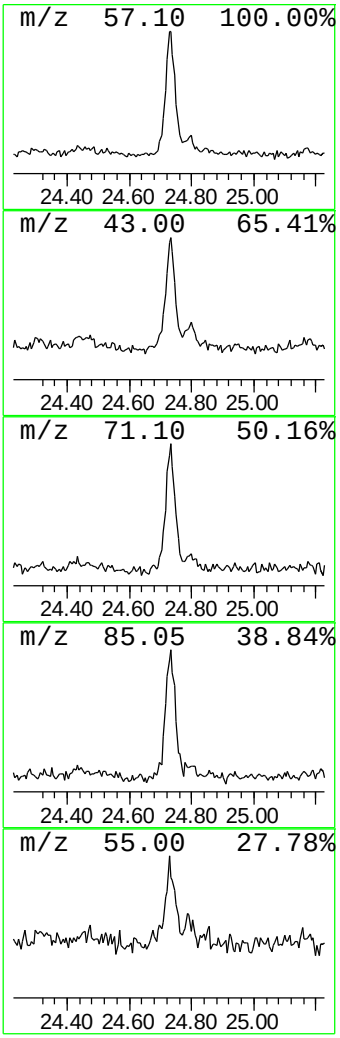
Peak Number 20 Octadecane, 5,14-dibutyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	3.61 ng	72125	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	81
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	81
5	Heptadecane	240	C17H36	000629-78-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-(7-9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
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...	2.95	18.6	ng	249781	1	7.63	269092	20.0
2-Pentanone, 4-hy...	4.79	14.6	ng	196773	1	7.63	269092	20.0
unknown7.17	7.17	73.1	ng	984097	1	7.63	269092	20.0
Docosane, 11-decyl-	8.87	4.9	ng	65577	1	7.63	269092	20.0
unknown8.99	8.99	2.3	ng	30461	1	7.63	269092	20.0
Cyclohexanone, 5-...	9.60	2.8	ng	48116	2	10.40	346116	20.0
Undecane, 2,6-dim...	10.60	2.2	ng	38455	2	10.40	346116	20.0
Decane, 2,6,7-tri...	11.46	2.5	ng	42879	2	10.40	346116	20.0
Phthalic anhydride	12.19	5.6	ng	97373	2	10.40	346116	20.0
n-Hexadecanoic acid	17.98	39.7	ng	963320	4	17.04	485147	20.0
Octadecanoic acid	19.22	14.7	ng	486773	5	21.14	663696	20.0
Heptacosyl acetate	20.89	12.1	ng	402366	5	21.14	663696	20.0
Eicosane	21.76	2.2	ng	71954	5	21.14	663696	20.0
Heneicosane, 11-d...	22.23	3.1	ng	103827	5	21.14	663696	20.0
Benzo[e]pyrene	23.17	4.9	ng	98310	6	23.37	399614	20.0
Heptadecane, 9-oc...	23.97	7.4	ng	147738	6	23.37	399614	20.0
1-Docosene	24.06	4.9	ng	97885	6	23.37	399614	20.0
Octadecane, 5,14-...	24.73	3.6	ng	72125	6	23.37	399614	20.0