LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PH1-BOT-20

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008235.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.916	324	328	337	rVB	35925	51532	1.02%	0.106%
2	5.387	401	408	433	rBV	1503890	2377238	47.16%	4.880%
3	6.981	672	679	698	rVB	1349629	2437765	48.36%	5.004%
4	7.787	808	816	825	rBV	288770	461853	9.16%	0.948%
5	8.951	1006	1014	1023	rBV	922949	1558223	30.91%	3.199%
6	9.381	1079	1087	1092	rBV	58219	90158	1.79%	0.185%
7	10.381	1250	1257	1267	rBV	64715	132321	2.62%	0.272%
8	10.581	1282	1291	1298	rBV	350360	619965	12.30%	1.273%
9	12.804	1664	1669	1679	rVB2	30253	64324	1.28%	0.132%
10	13.057	1705	1712	1724	rBV	2235690	3295920	65.38%	6.766%
11	14.092	1883	1888	1898	rBV3	29667	54948	1.09%	0.113%
12	14.339	1926	1930	1936	rVB2	45434	69250	1.37%	0.142%
13	14.434	1940	1946	1957	rVV	540634	859069	17.04%	1.764%
14	15.298	2090	2093	2098	rVB	52118	62536	1.24%	0.128%
15	15.939	2195	2202	2209	rBV	1771523	2717449	53.91%	5.579%
16	16.169	2236	2241	2243	rBV	92164	138668	2.75%	0.285%
17	16.192	2243	2245	2249	rVB2	85552	96093	1.91%	0.197%
18	16.339	2267	2270	2277	rVB6	34682	57128	1.13%	0.117%
19	16.498	2291	2297	2303	rBV5	31772	82568	1.64%	0.170%
20	16.610	2311	2316	2323	rVB3	97423	158390	3.14%	0.325%
21	16.675	2324	2327	2336	rVV5	32434	65897	1.31%	0.135%
22	16.963	2373	2376	2381	rBV	90592	114725	2.28%	0.236%
23	17.022	2382	2386	2393	rVB	64686	98534	1.95%	0.202%
24	17.198	2409	2416	2422	rBV	702291	1050750	20.84%	2.157%
25	17.710	2499	2503	2506	rBV	63274	78431	1.56%	0.161%
26	17.880	2529	2532	2536	rVB2	61710	70504	1.40%	0.145%
27	18.110	2565	2571	2583	rBV	1073629	1614003	32.02%	3.313%
28	18.386	2614	2618	2627	rBV	143343	221255	4.39%	0.454%
29	18.792	2684	2687	2691	rVB	157645	186740	3.70%	0.383%
30	18.922	2707	2709	2714	rVB5	57237	69585	1.38%	0.143%
31	18.998	2719	2722	2725	rVB	63870	69311	1.37%	0.142%
32	19.222	2757	2760	2763	rBV2	133967	176577	3.50%	0.362%
33	19.274	2765	2769	2775	rVB	682101	863968	17.14%	1.774%
34	19.339	2777	2780	2790	rVB	364813	523326	10.38%	1.074%
35	19.563	2815	2818	2822	rBV2	106486	176492	3.50%	0.362%
36	19.774	2849	2854	2860	rVB	4166657	5040805	100.00%	10.348%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.080	2903	2906	2910	rVB	197213	214718	4.26%	0.441%
38	20.563	2985	2988	2994	rVB	433017	477201	9.47%	0.980%
39	21.021	3063	3066	3074	rVB	1339697	1670070	33.13%	3.428%
40	21.221	3096	3100	3106	rVB	1037387	1216402	24.13%	2.497%
41	21.304	3110	3114	3119	rVV	898714	1176208	23.33%	2.415%
42	21.457	3136	3140	3145	rVB	1241671	1423429	28.24%	2.922%
43	21.921	3214	3219	3232	rVB2	1352292	2400675	47.62%	4.928%
44	22.415	3299	3303	3309	rVB	1192952	1564057	31.03%	3.211%
45	22.974	3393	3398	3403	rBV	1245105	1933827	38.36%	3.970%
46	23.604	3500	3505	3512	rVB	815527	1559123	30.93%	3.201%
47	23.698	3517	3521	3528	rVB2	591845	1177604	23.36%	2.417%
48	24.327	3623	3628	3637	rVB	722550	1489572	29.55%	3.058%
49	24.839	3708	3715	3731	rVB4	1078598	3285101	65.17%	6.744%
50	25.180	3766	3773	3781	rVB3	1324955	3317430	65.81%	6.810%

Sum of corrected areas: 48711718

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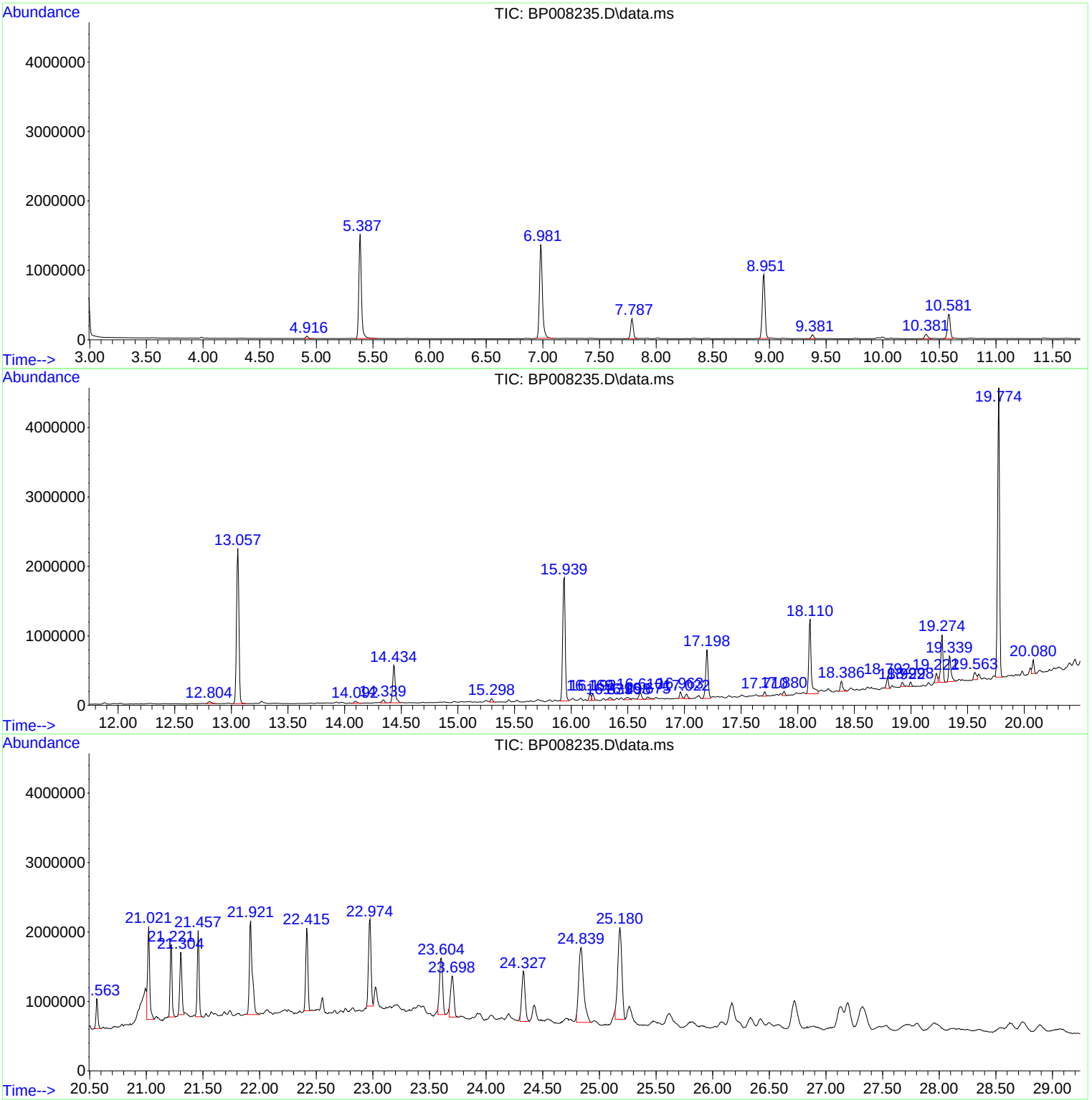
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

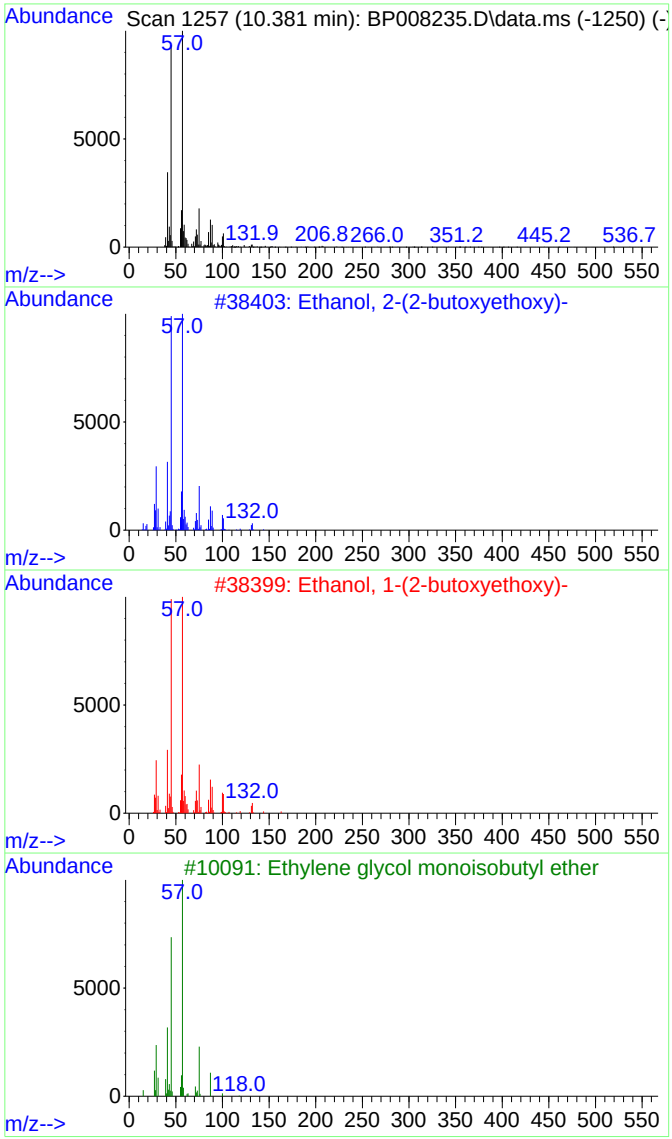
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

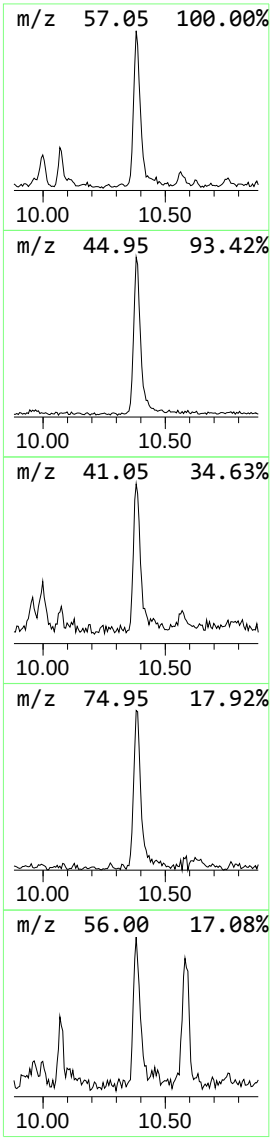
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	4.27 ng	132321	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	58
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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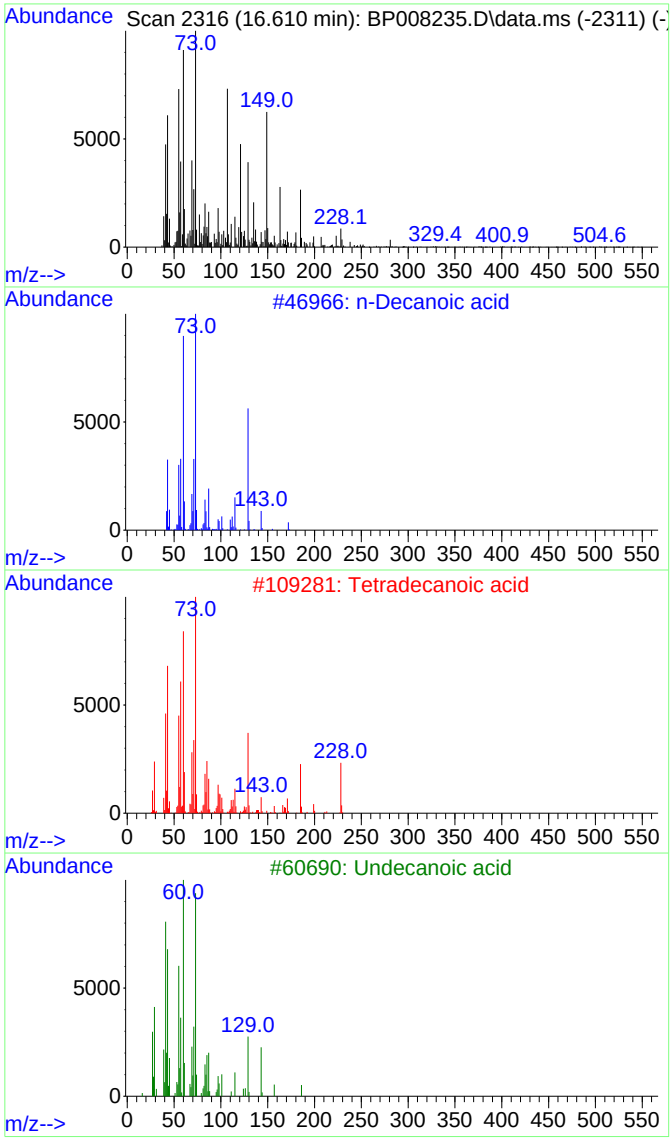
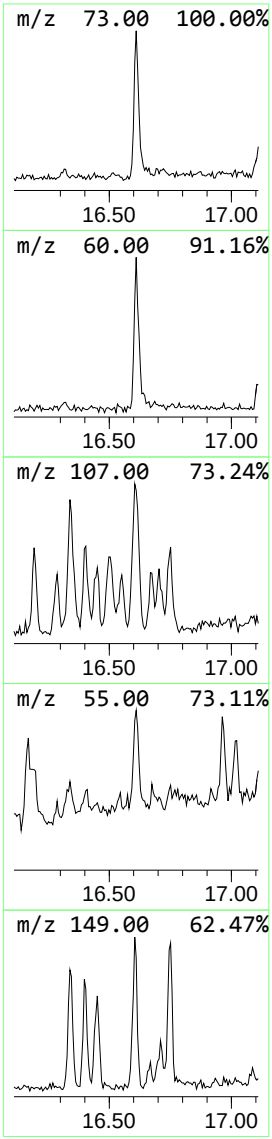
Peak Number 2 unknown16.610 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	3.01 ng	158390	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	42
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	41
3	Undecanoic acid	186	C11H22O2	000112-37-8	25
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	22
5	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

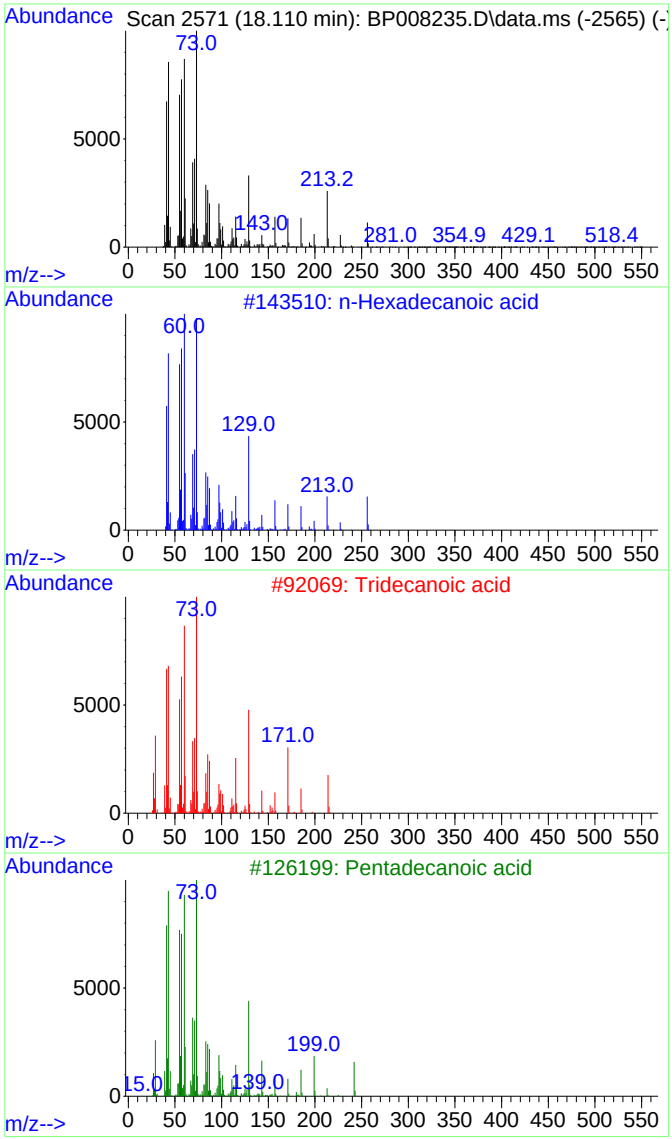
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

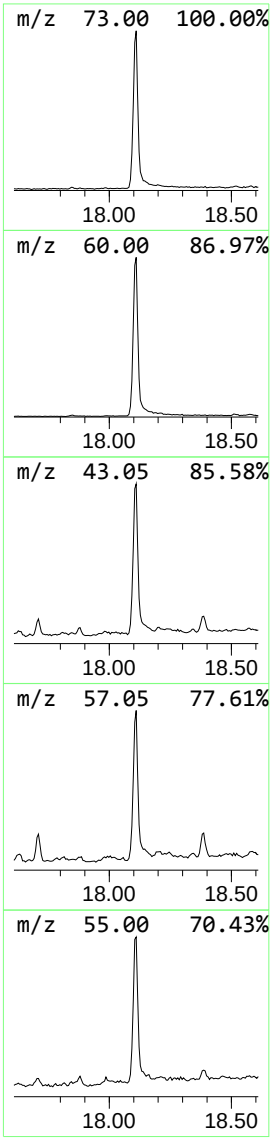
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	30.72 ng	1614000	Phenanthrene-d10	17.198

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

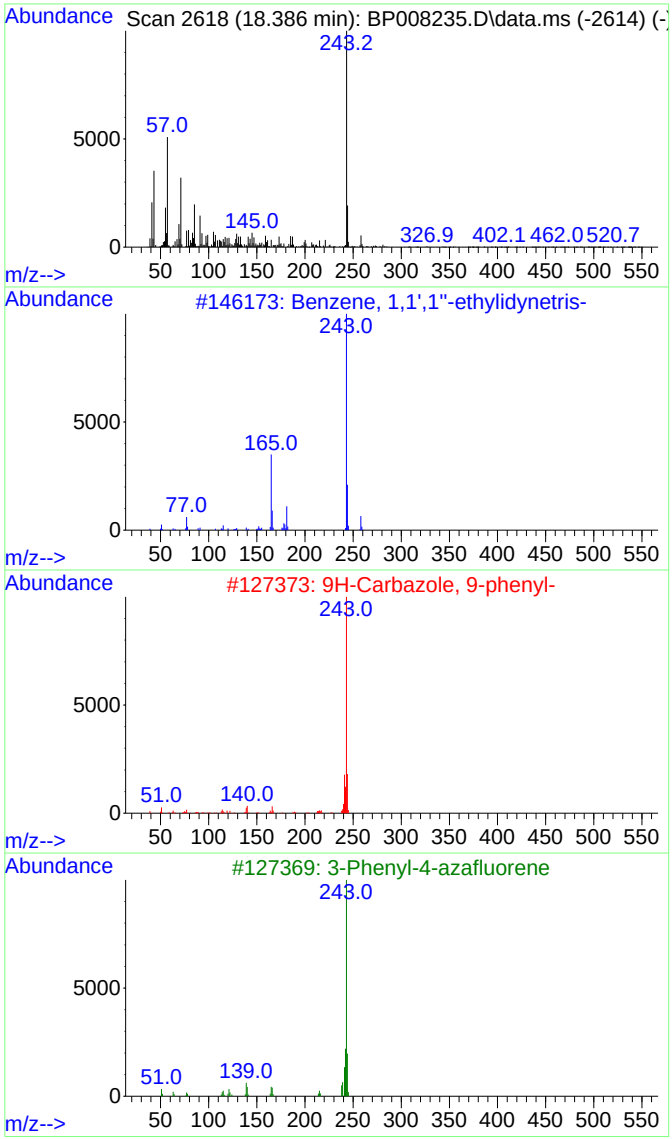
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

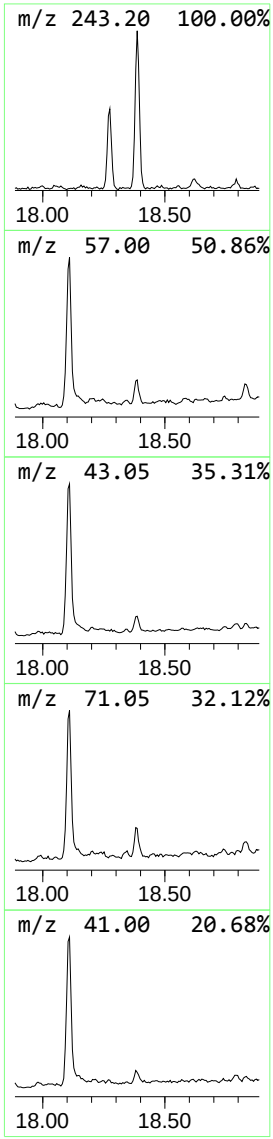
****

Peak Number 4 Benzene, 1,1',1''-ethylidyn... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	4.21 ng	221255	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1',1''-ethylidynetris-	258	C20H18	005271-39-6	52
2	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	52
3	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	52
4	1,1,1-Triphenylhex-5-en-2-one	326	C24H22O	1000195-85-2	50
5	6-Chrysenamine	243	C18H13N	002642-98-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

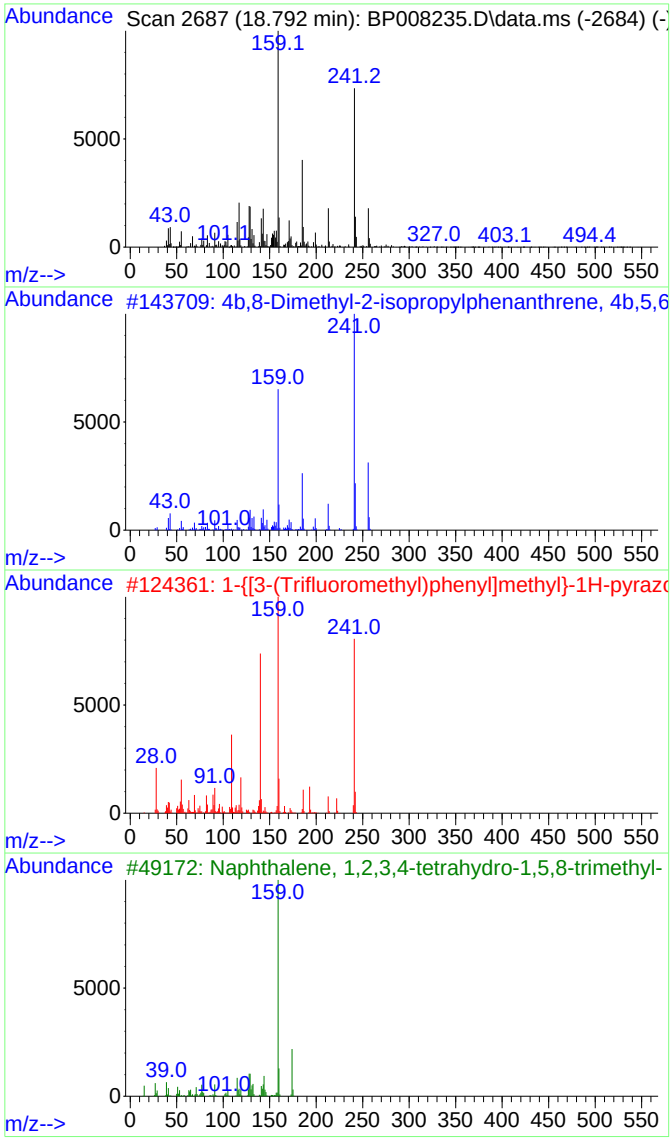
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

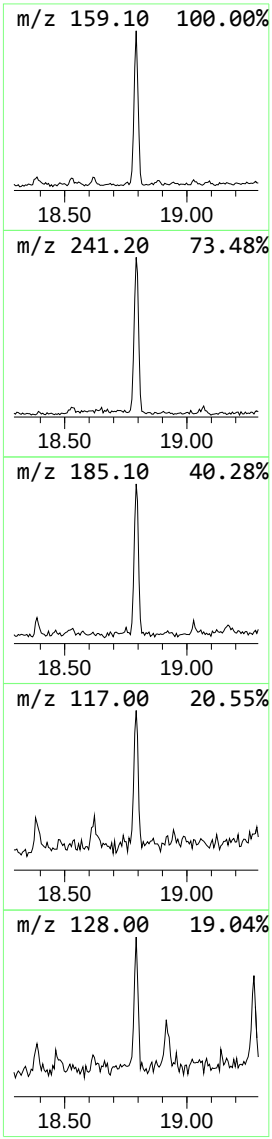
****

Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.792	3.55 ng	186740	Phenanthrene-d10	17.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	1-{[3-(Trifluoromethyl)phenyl]me...	241	C11H10F3N3	1002033-51-3	52
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	38
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
5	Sebacic acid, butyl 2-octyl ester	370	C22H42O4	1000354-16-9	35





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Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

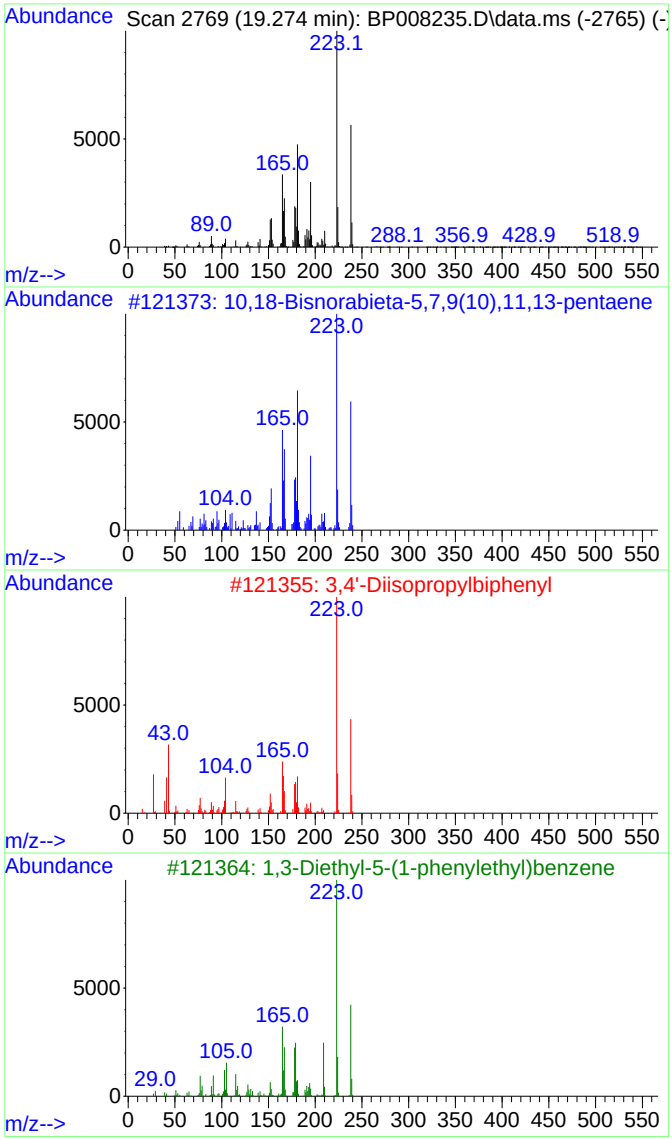
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

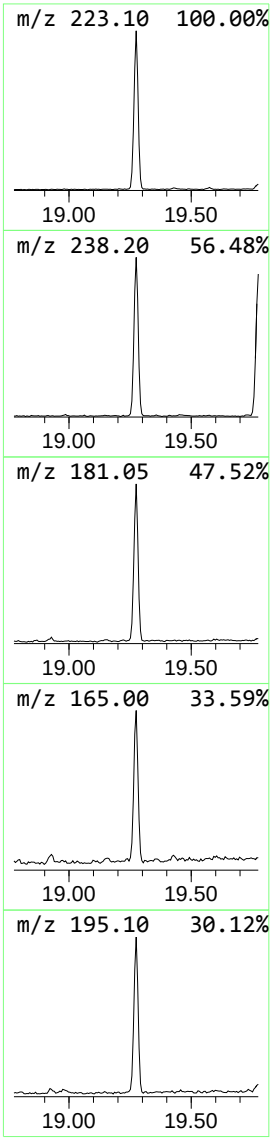
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	14.69 ng	863968	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	76
4	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	53
5	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
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Operator : CG/JU
Sample : M4927-14
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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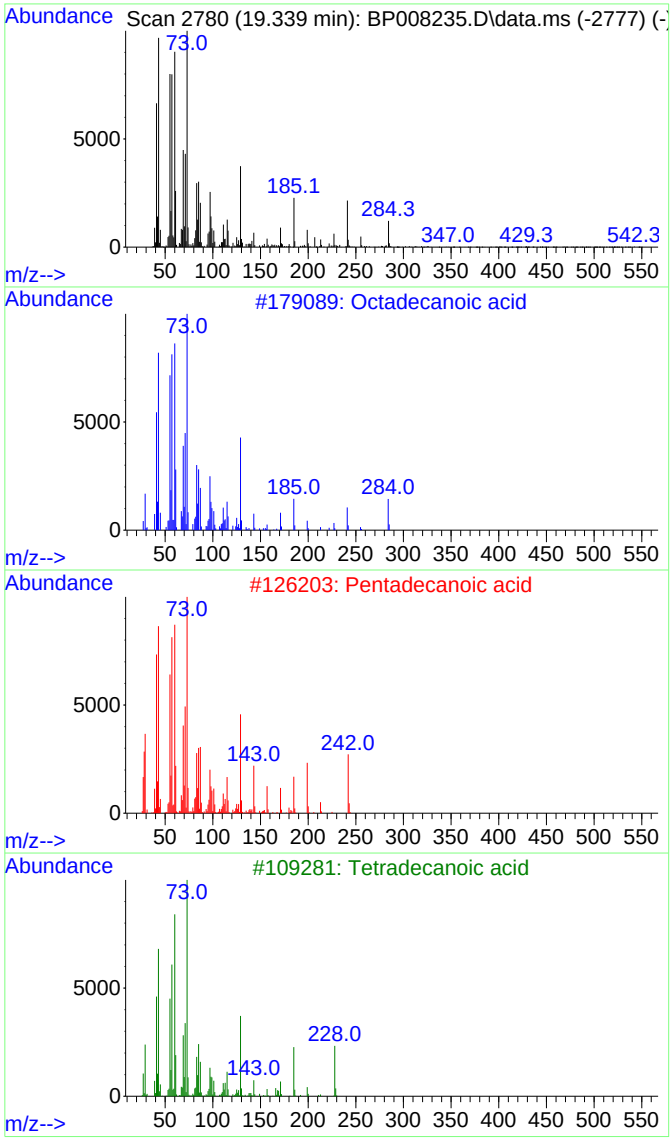
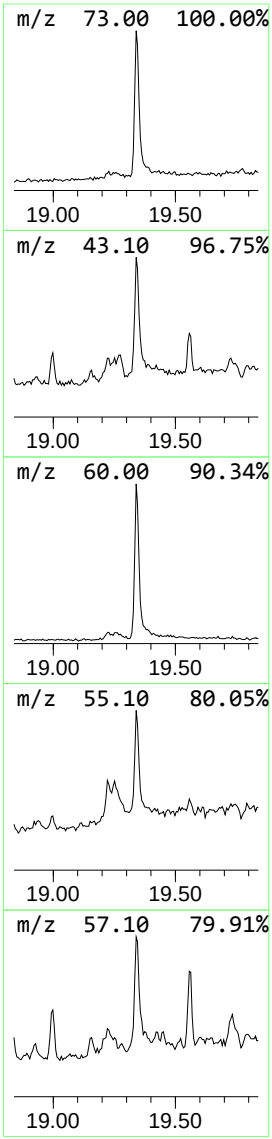
Peak Number 8 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	8.90 ng	523326	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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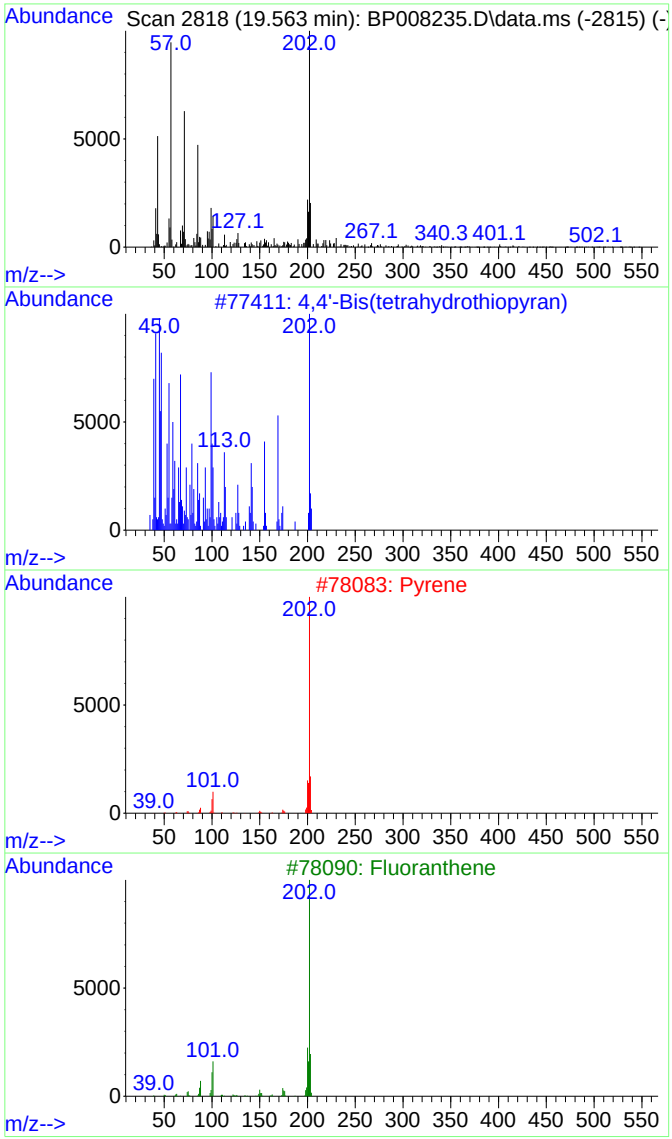
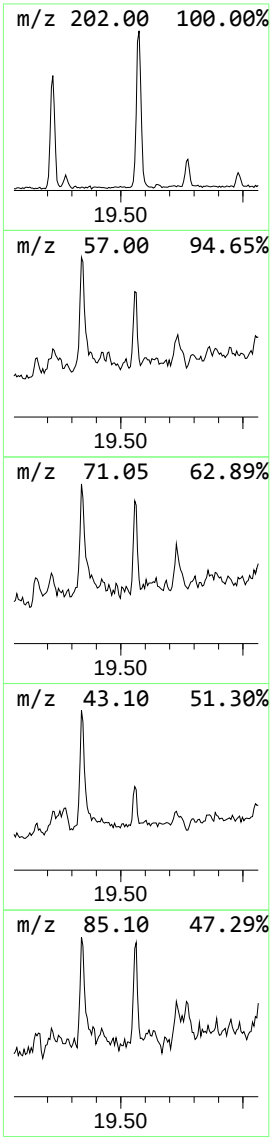
Peak Number 9 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	3.00 ng	176492	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	89
2	Pyrene	202	C16H10	000129-00-0	50
3	Fluoranthene	202	C16H10	000206-44-0	50
4	Heraclenol, Ac derivative	346	C18H18O7	1000480-24-0	40
5	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	38





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Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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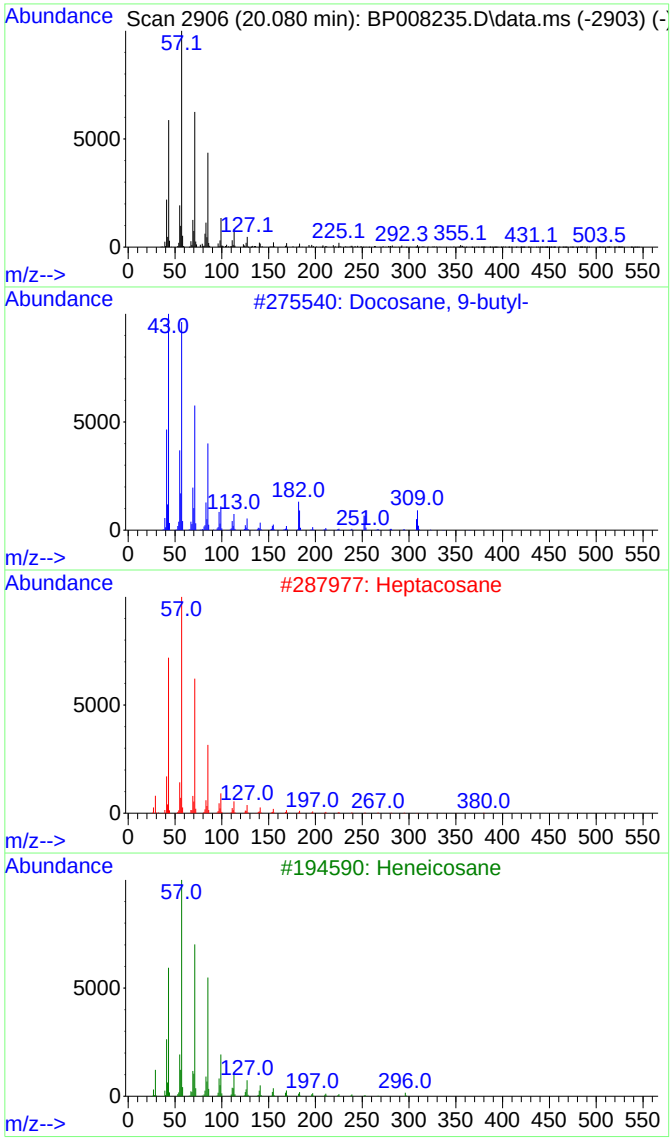
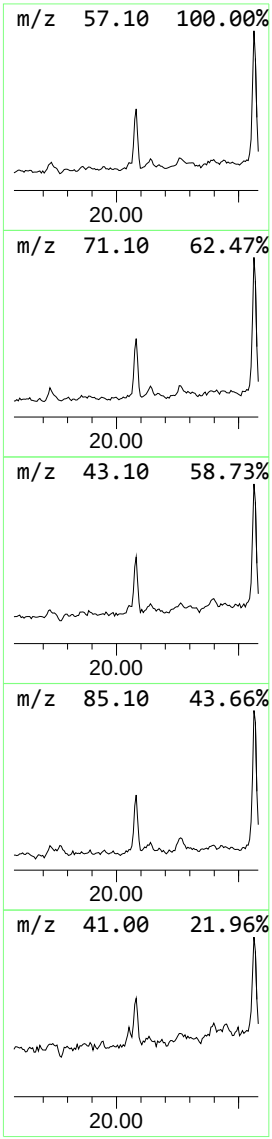
Peak Number 10 Docosane, 9-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	3.65 ng	214718	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Hexacosane	366	C26H54	000630-01-3	86





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Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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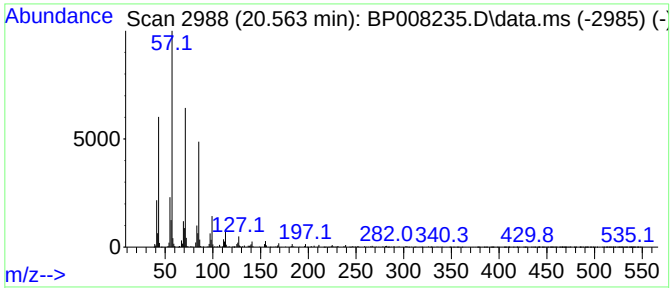
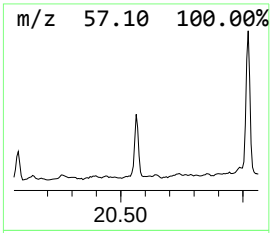
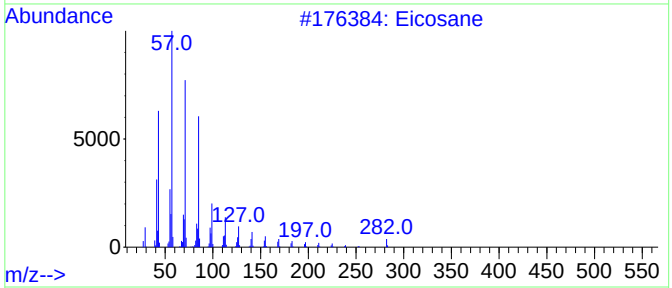
Peak Number 11 Eicosane Concentration Rank 13

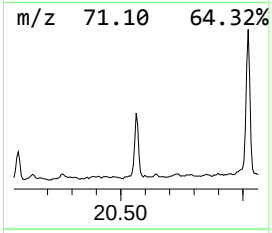
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.563	8.11 ng	477201	Chrysene-d12	21.304

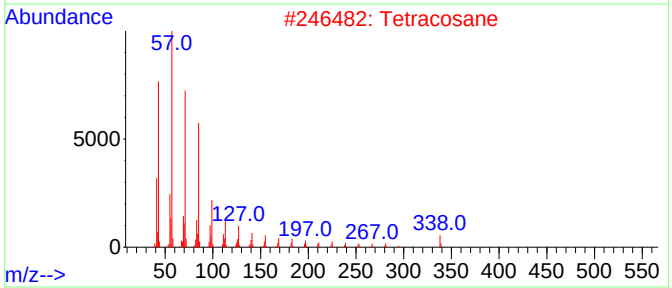
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetracosane	338	C24H50	000646-31-1	97
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86

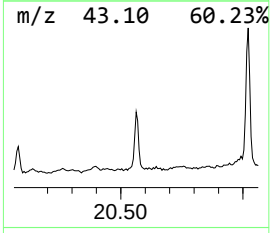


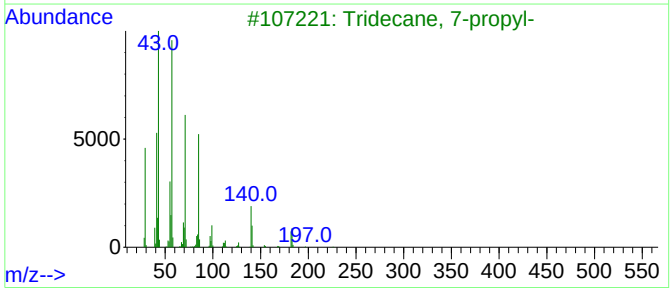


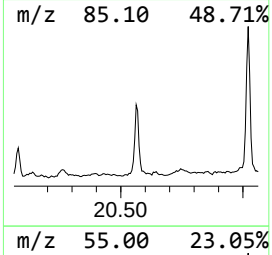


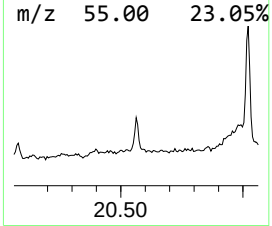












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Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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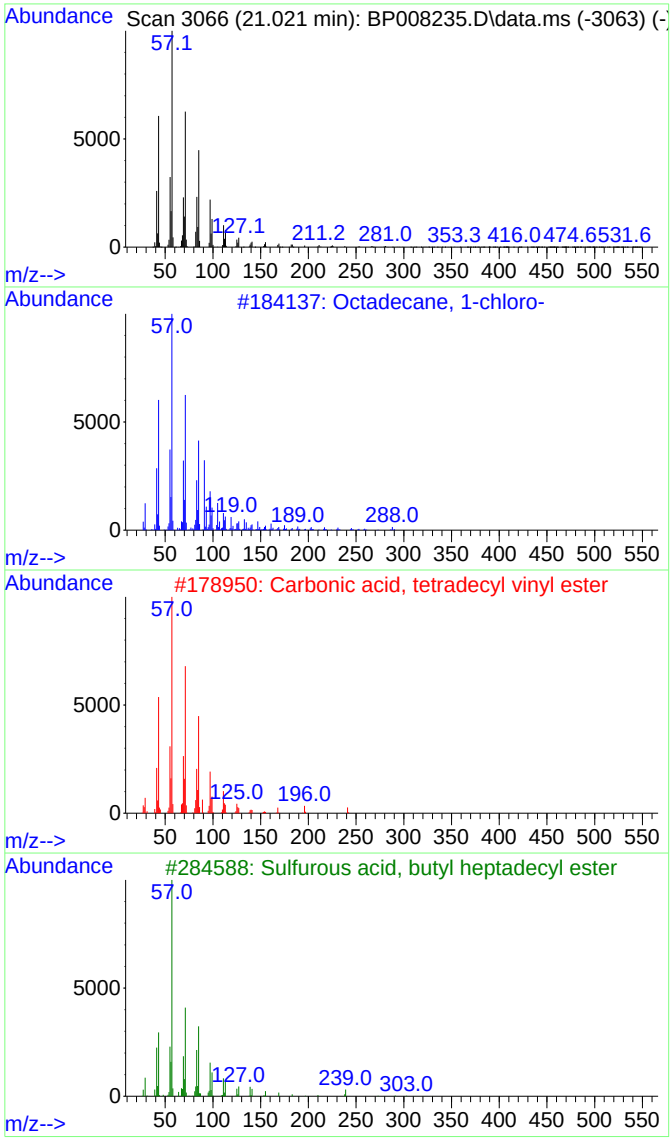
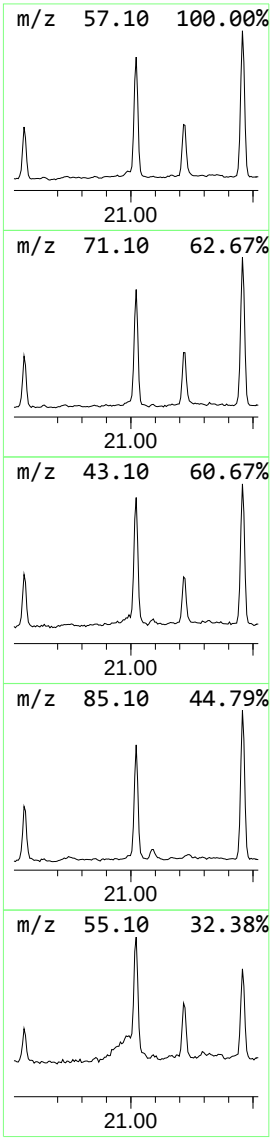
Peak Number 12 Octadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.021	28.40 ng	1670070	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
2	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	91
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	90
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	70





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Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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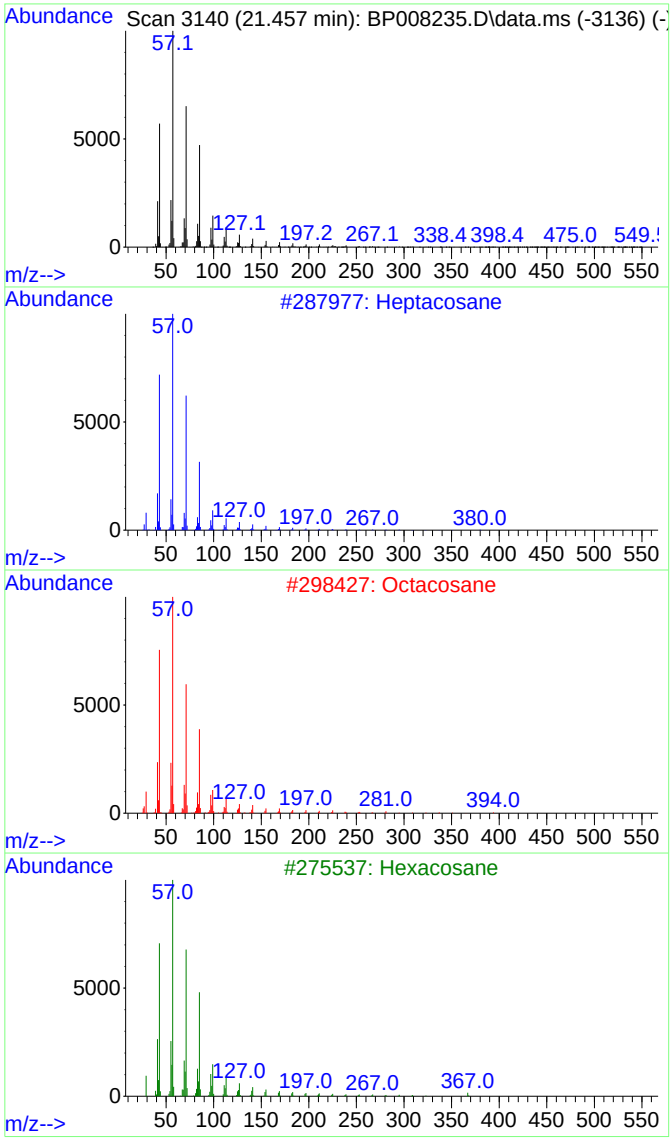
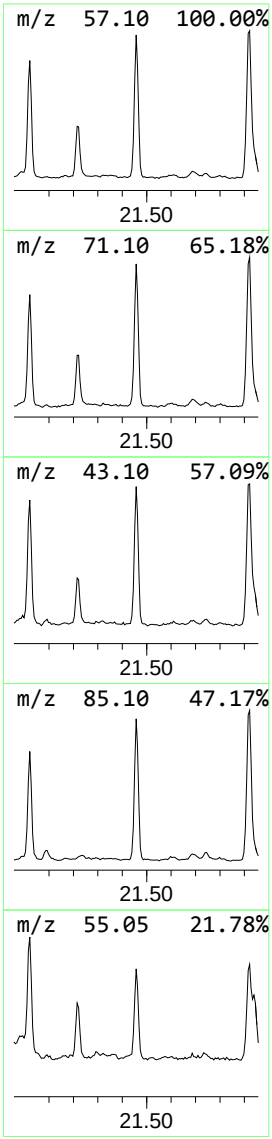
Peak Number 13 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.457	24.20 ng	1423430	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





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Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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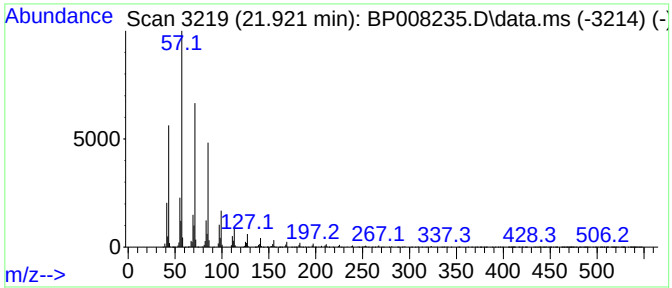
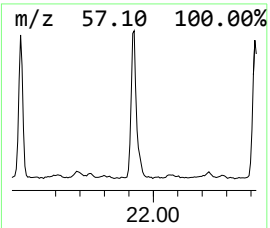
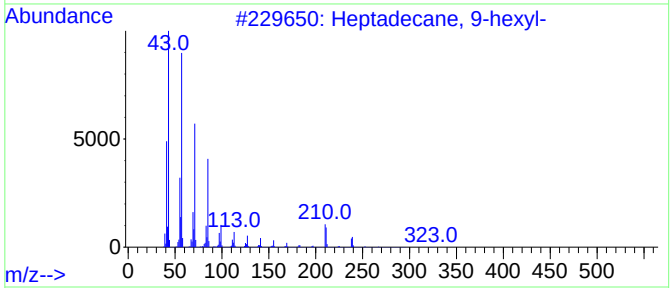
Peak Number 14 Heptadecane, 9-hexyl- Concentration Rank 3

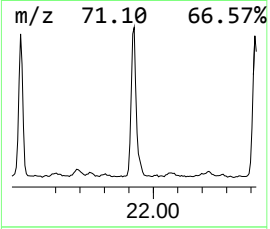
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.921	40.82 ng	2400680	Chrysene-d12	21.304

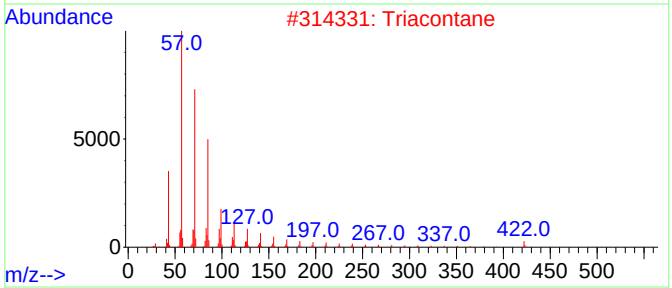
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Hexacosane	366	C26H54	000630-01-3	91

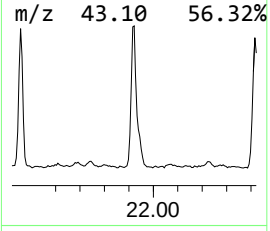


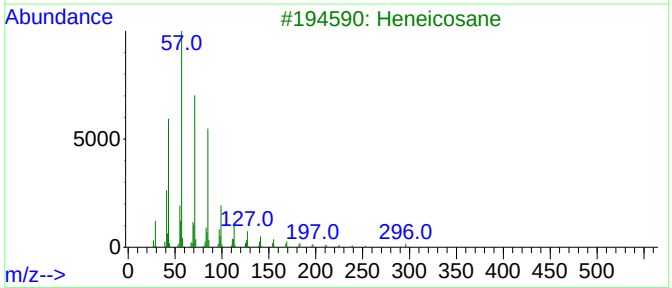


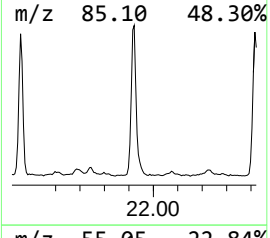


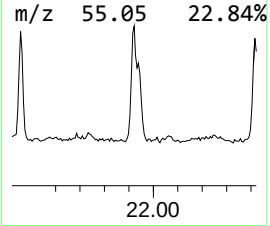












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Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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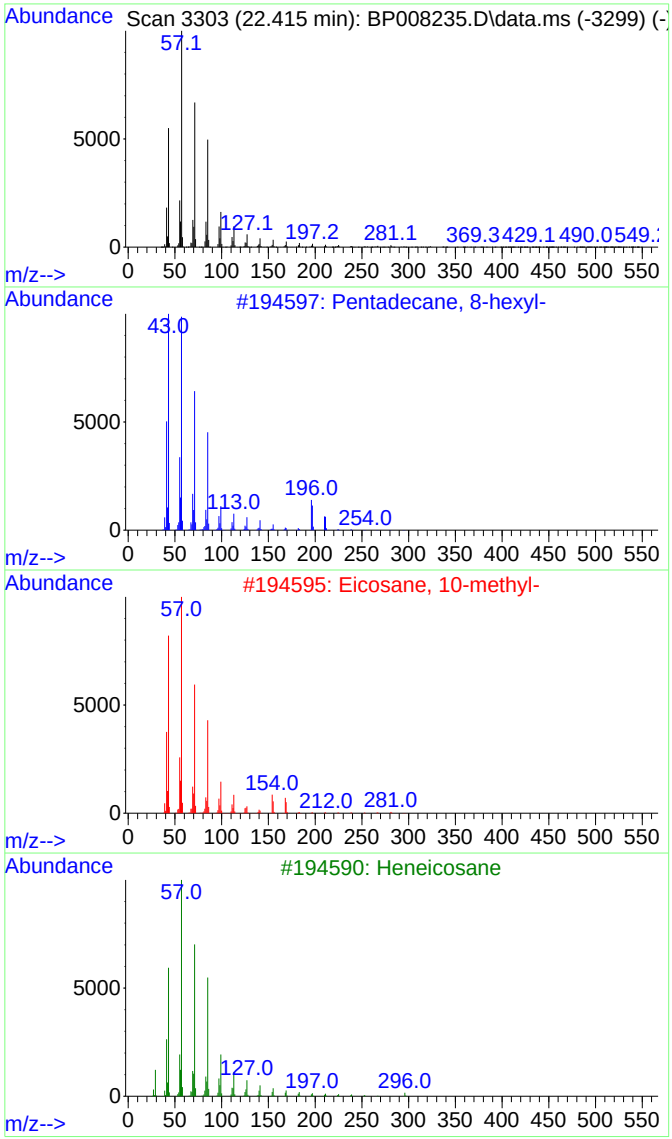
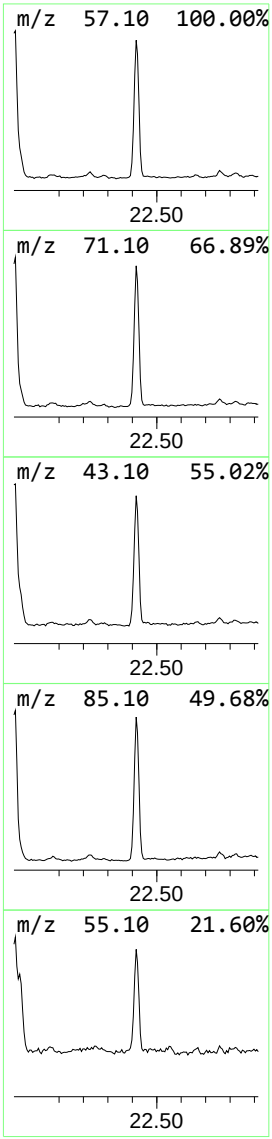
Peak Number 15 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.416	26.59 ng	1564060	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane	310	C22H46	000629-97-0	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





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Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PH1-BOT-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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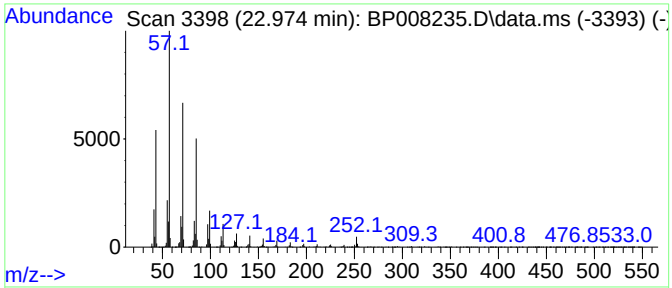
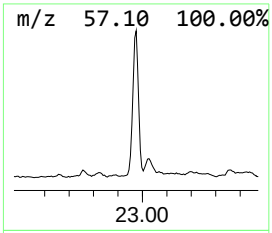
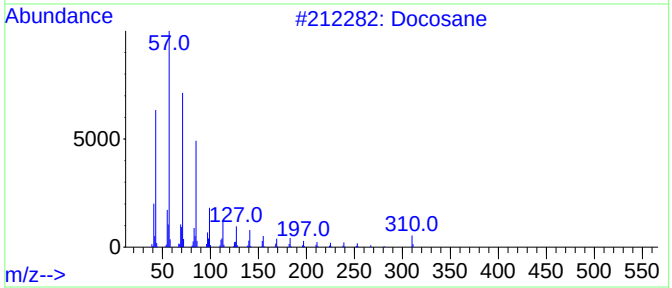
Peak Number 16 Docosane Concentration Rank 4

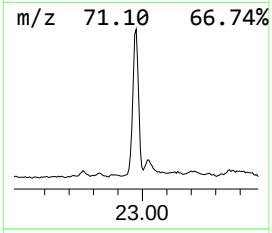
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.974	32.84 ng	1933830	Perylene-d12	23.704

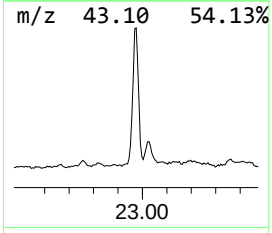
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Hexacosane	366	C26H54	000630-01-3	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93

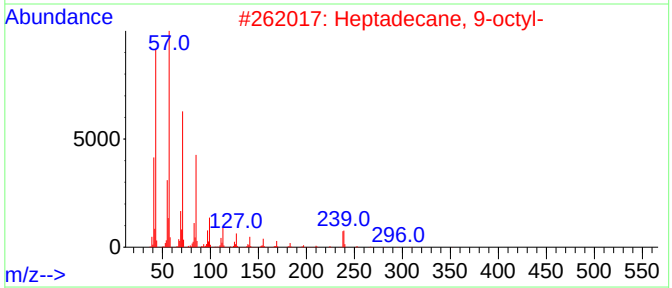


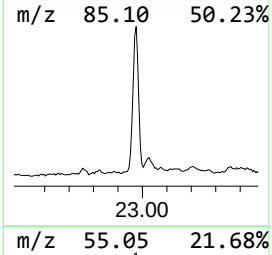


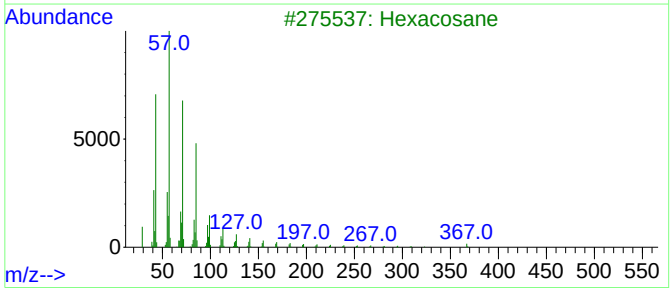


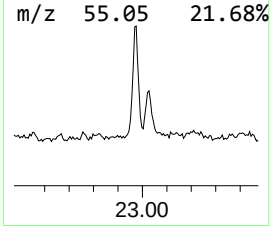












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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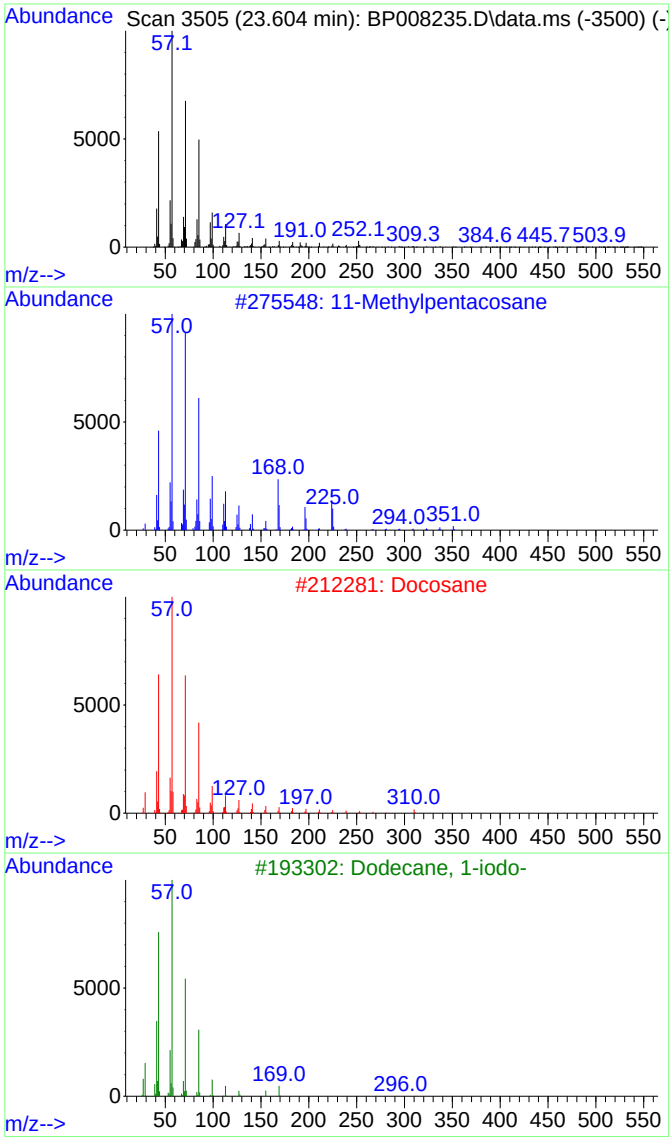
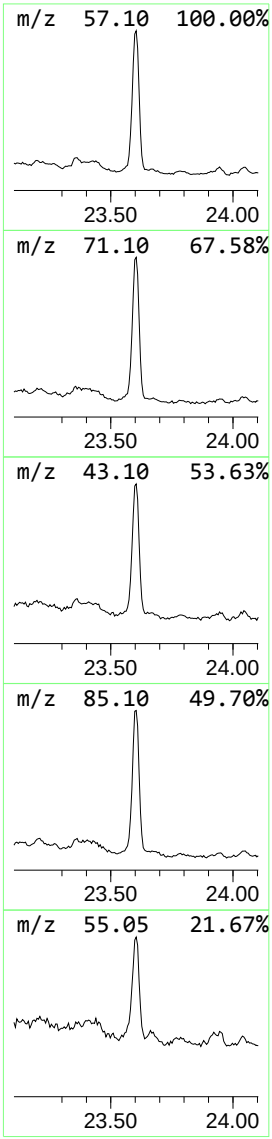
Peak Number 17 11-Methylpentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.604	26.48 ng	1559120	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Methylpentacosane	366	C26H54	015689-71-1	94
2	Docosane	310	C22H46	000629-97-0	91
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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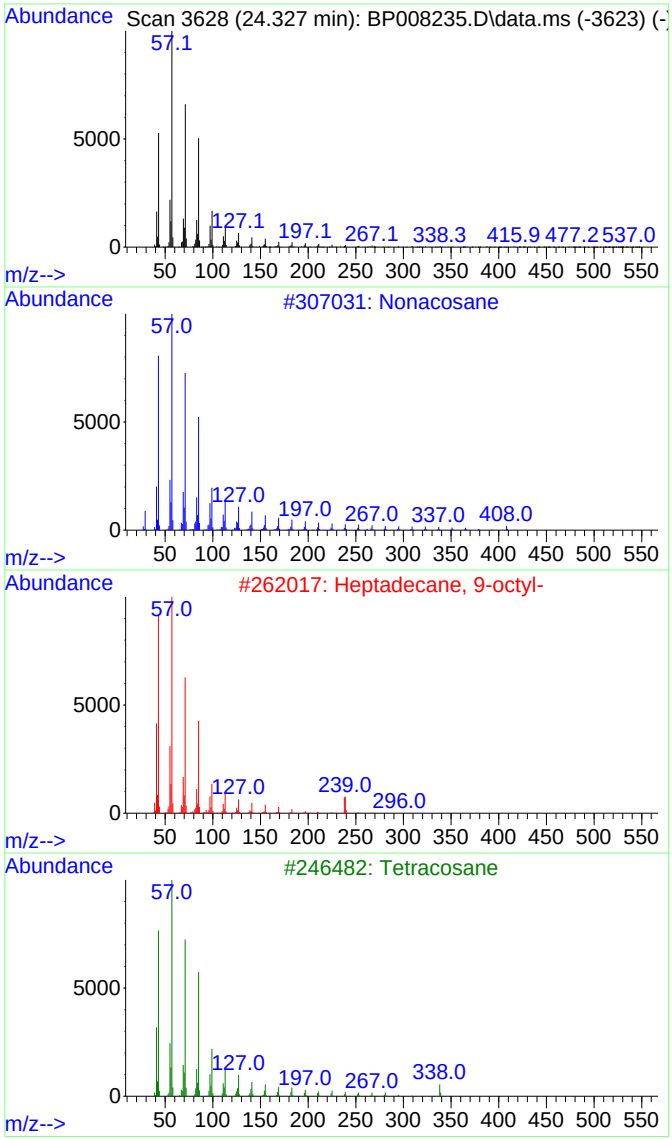
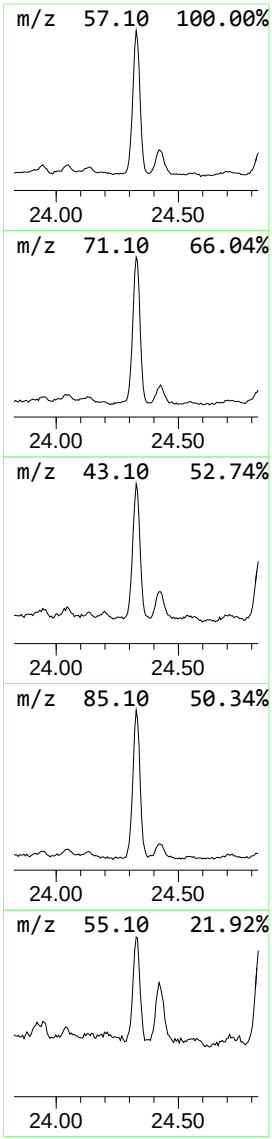
Peak Number 18 Nonacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	25.30 ng	1489570	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Tetracosane	338	C24H50	000646-31-1	94
4	11-Methylpentacosane	366	C26H54	015689-71-1	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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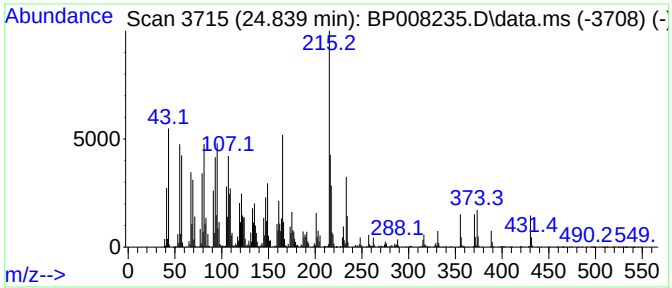
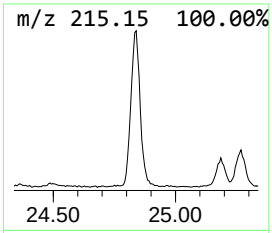
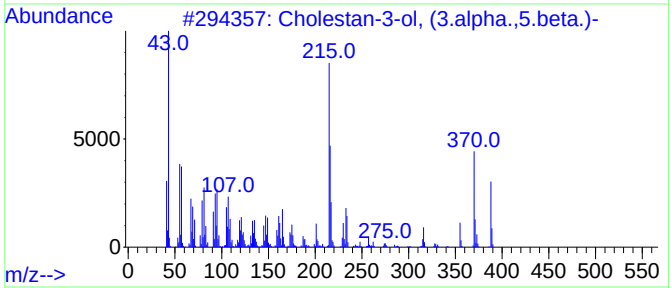
Peak Number 19 Cholestan-3-ol, (3.alpha.,5... Concentration Rank 2

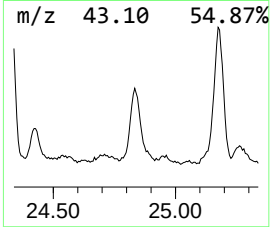
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.839	55.79 ng	3285100	Perylene-d12	23.704

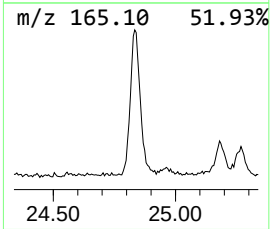
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-ol, (3.alpha.,5.beta.)-	388	C27H48O	000516-92-7	91
2	Cholestan-3-ol, acetate, (3.beta...	430	C29H50O2	001255-88-5	58
3	5.beta.-Cholestan-3.alpha.-ol, a...	430	C29H50O2	033157-47-0	58
4	5-.beta.-cholestan-3.alpha.-ol, ...	416	C28H48O2	1010368-37-5	58
5	Cholestanol acetate	430	C29H50O2	104757-70-2	53

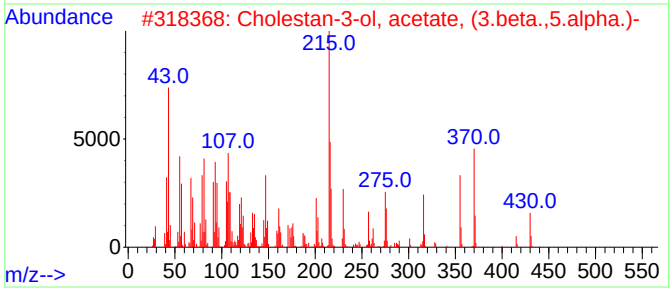


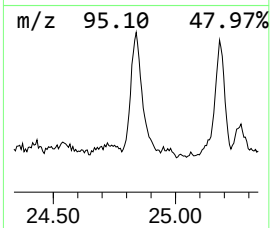


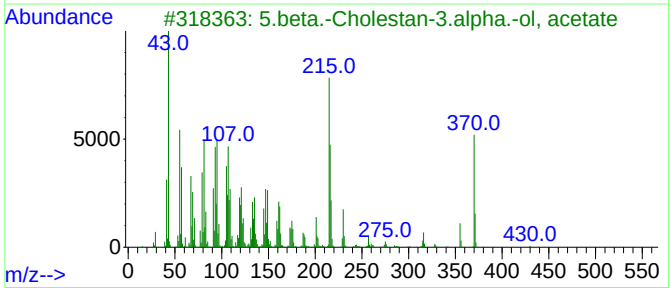


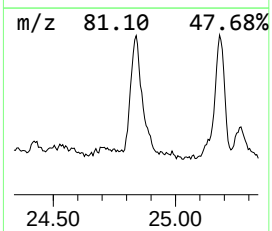












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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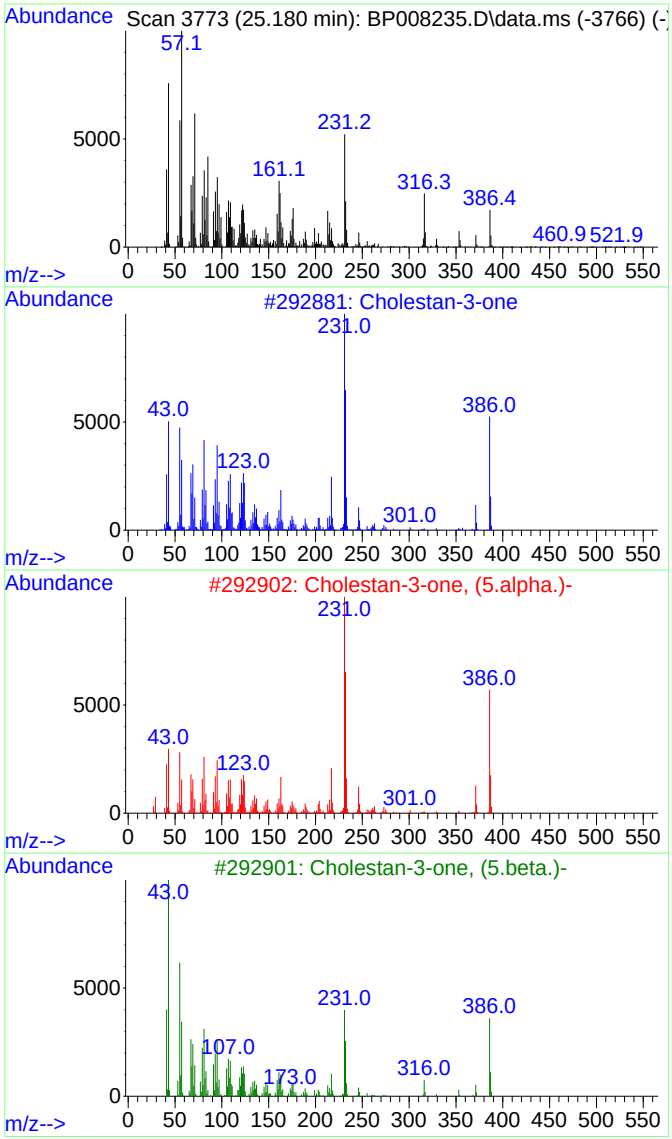
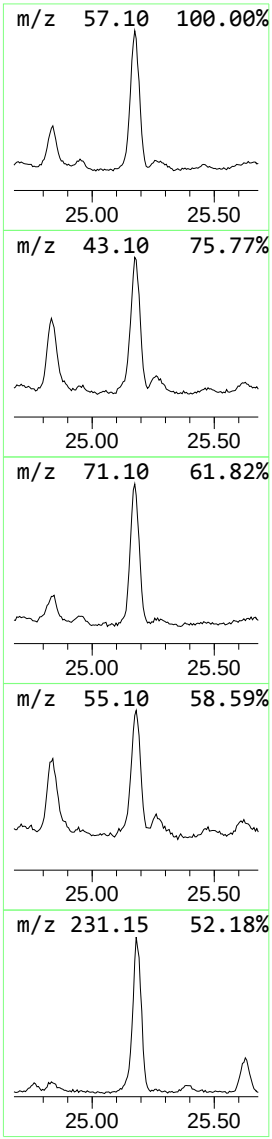
Peak Number 20 Cholestan-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.180	56.34 ng	3317430	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	93
2	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	68
3	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	50
4	Cholestan-2-one	386	C27H46O	1010210-43-4	42
5	Cholestane, 14-methyl-, (5.alpha.)-	386	C28H50	054482-34-7	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
Data File : BP008235.D
Acq On : 06 Dec 2021 18:44
Operator : CG/JU
Sample : M4927-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PH1-BOT-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.381	4.3	ng	132321	2	10.581	619965	20.0
unknown16.610	16.610	3.0	ng	158390	4	17.198	1050750	20.0
n-Hexadecanoic ...	18.110	30.7	ng	1614000	4	17.198	1050750	20.0
Benzene, 1,1',1...	18.386	4.2	ng	221255	4	17.198	1050750	20.0
4b,8-Dimethyl-2...	18.792	3.5	ng	186740	4	17.198	1050750	20.0
10,18-Bisnorabi...	19.275	14.7	ng	863968	5	21.304	1176210	20.0
Octadecanoic acid	19.339	8.9	ng	523326	5	21.304	1176210	20.0
4,4'-Bis(tetrah...	19.563	3.0	ng	176492	5	21.304	1176210	20.0
Docosane, 9-butyl-	20.080	3.6	ng	214718	5	21.304	1176210	20.0
Eicosane	20.563	8.1	ng	477201	5	21.304	1176210	20.0
Octadecane, 1-c...	21.021	28.4	ng	1670070	5	21.304	1176210	20.0
Heptacosane	21.457	24.2	ng	1423430	5	21.304	1176210	20.0
Heptadecane, 9-...	21.921	40.8	ng	2400680	5	21.304	1176210	20.0
Pentadecane, 8-...	22.416	26.6	ng	1564060	5	21.304	1176210	20.0
Docosane	22.974	32.8	ng	1933830	6	23.704	1177600	20.0
11-Methylpentac...	23.604	26.5	ng	1559120	6	23.704	1177600	20.0
Nonacosane	24.327	25.3	ng	1489570	6	23.704	1177600	20.0
Cholestan-3-ol,...	24.839	55.8	ng	3285100	6	23.704	1177600	20.0
Cholestan-3-one	25.180	56.3	ng	3317430	6	23.704	1177600	20.0