LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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	5.119	537	541	558	rBV	111848	278574	5.89%	0.512%
2	5.713	638	642	677	rBV	1335219	2933339	61.98%	5.395%
3	7.295	907	911	927	rBV	1527495	2845770	60.13%	5.234%
4	7.419	927	932	950	rVV	2063414	3474649	73.42%	6.390%
5	7.548	950	954	962	rVB	382702	440054	9.30%	0.809%
6	7.754	985	989	999	rBV	386825	507654	10.73%	0.934%
7	7.989	1024	1029	1046	rVB	1887295	2382780	50.35%	4.382%
8	8.654	1137	1142	1159	rBV	1104653	1656530	35.00%	3.047%
9	9.771	1328	1332	1348	rBV	374925	647802	13.69%	1.191%
10	10.271	1412	1417	1431	rBV	826393	1197687	25.31%	2.203%
11	11.542	1627	1633	1655	rBV	2203694	3194533	67.50%	5.875%
12	12.218	1744	1748	1749	rBV	97656	99261	2.10%	0.183%
13	12.242	1749	1752	1759	rVV	248991	405770	8.57%	0.746%
14	12.301	1759	1762	1769	rVB	105711	129632	2.74%	0.238%
15	12.601	1809	1813	1823	rVV2	448219	737010	15.57%	1.355%
16	12.689	1823	1828	1835	rVB	296840	357725	7.56%	0.658%
17	12.871	1856	1859	1872	rVB2	33918	69609	1.47%	0.128%
18	13.430	1950	1954	1960	rVB	51822	57830	1.22%	0.106%
19	13.901	2025	2034	2046	rBV	1096842	1887100	39.88%	3.471%
20	14.206	2082	2086	2089	rBV	74194	87502	1.85%	0.161%
21	14.401	2116	2119	2125	rVB2	44953	52348	1.11%	0.096%
22	14.454	2125	2128	2136	rBV	82752	129811	2.74%	0.239%
23	14.648	2154	2161	2170	rBV2	85525	169952	3.59%	0.313%
24	14.936	2206	2210	2214	rBV	54399	62588	1.32%	0.115%
25	15.006	2218	2222	2234	rVB	427699	677086	14.31%	1.245%
26	15.224	2253	2259	2265	rBV7	25715	49203	1.04%	0.090%
27	15.371	2281	2284	2290	rVB	53049	63791	1.35%	0.117%
28	15.659	2329	2333	2336	rBV2	50037	59640	1.26%	0.110%
29	15.942	2377	2381	2382	rBV	257544	273378	5.78%	0.503%
30	15.983	2382	2388	2398	rVV2	925835	1870511	39.53%	3.440%
31	16.059	2399	2401	2412	rVB5	61407	120653	2.55%	0.222%
32	16.142	2412	2415	2419	rBV3	76721	95106	2.01%	0.175%
33	16.218	2419	2428	2439	rBV	833448	1612905	34.08%	2.966%
34	16.553	2480	2485	2489	rBV2	216284	365249	7.72%	0.672%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.648	2496	2501	2512	rBV	238673	457479	9.67%	0.841%
36	16.736	2512	2516	2519	rBV	82929	96789	2.05%	0.178%
37	16.865	2536	2538	2541	rBV3	43707	49660	1.05%	0.091%
38	16.900	2541	2544	2546	rBV	59234	73799	1.56%	0.136%
39	16.953	2546	2553	2567	rVV	540294	1152397	24.35%	2.119%
40	17.065	2567	2572	2576	rBV	818476	1046757	22.12%	1.925%
41	17.165	2587	2589	2593	rVB2	64479	78644	1.66%	0.145%
42	17.236	2598	2601	2604	rVB	135148	139503	2.95%	0.257%
43	17.271	2604	2607	2611	rVB3	153287	159793	3.38%	0.294%
44	17.324	2611	2616	2624	rBV	1786648	2244735	47.43%	4.128%
45	17.518	2646	2649	2654	rVB	42650	56952	1.20%	0.105%
46	17.706	2677	2681	2688	rBV2	232532	313633	6.63%	0.577%
47	18.047	2732	2739	2742	rBV	3387991	4732443	100.00%	8.704%
48	18.106	2742	2749	2753	rVV	1309639	1432281	30.27%	2.634%
49	18.147	2753	2756	2760	rVB	306381	345654	7.30%	0.636%
50	18.283	2776	2779	2784	rBV2	136315	226784	4.79%	0.417%
51	18.347	2787	2790	2795	rVB4	137246	195111	4.12%	0.359%
52	18.400	2795	2799	2800	rBV4	40575	58375	1.23%	0.107%
53	18.571	2824	2828	2839	rVB2	548295	823325	17.40%	1.514%
54	18.689	2845	2848	2852	rBV	282745	457820	9.67%	0.842%
55	18.977	2892	2897	2904	rBV	617033	865176	18.28%	1.591%
56	19.300	2948	2952	2956	rVB	503045	576823	12.19%	1.061%
57	19.359	2958	2962	2966	rVV	697438	778051	16.44%	1.431%
58	19.483	2979	2983	2987	rVB	531920	696496	14.72%	1.281%
59	19.571	2995	2998	3005	rBV2	223592	344274	7.27%	0.633%
60	19.730	3018	3025	3029	rBV2	751752	1063493	22.47%	1.956%
61	19.765	3029	3031	3035	rVB2	91619	99306	2.10%	0.183%
62	19.947	3060	3062	3064	rBV2	89272	97355	2.06%	0.179%
63	20.083	3081	3085	3091	rBV	839944	1078949	22.80%	1.984%
64	20.153	3094	3097	3100	rVB	249196	283695	5.99%	0.522%
65	20.241	3109	3112	3116	rVB	475993	488187	10.32%	0.898%
66	20.371	3131	3134	3139	rVB	237276	342289	7.23%	0.630%
67	20.436	3141	3145	3149	rVV	807924	983711	20.79%	1.809%
68	20.812	3205	3209	3219	rVB	704507	1101089	23.27%	2.025%
69	21.253	3279	3284	3291	rVB	578082	953885	20.16%	1.754%
70	21.753	3364	3369	3376	rVB	392824	691676	14.62%	1.272%
71	22.335	3463	3468	3483	rVB2	307170	793561	16.77%	1.459%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

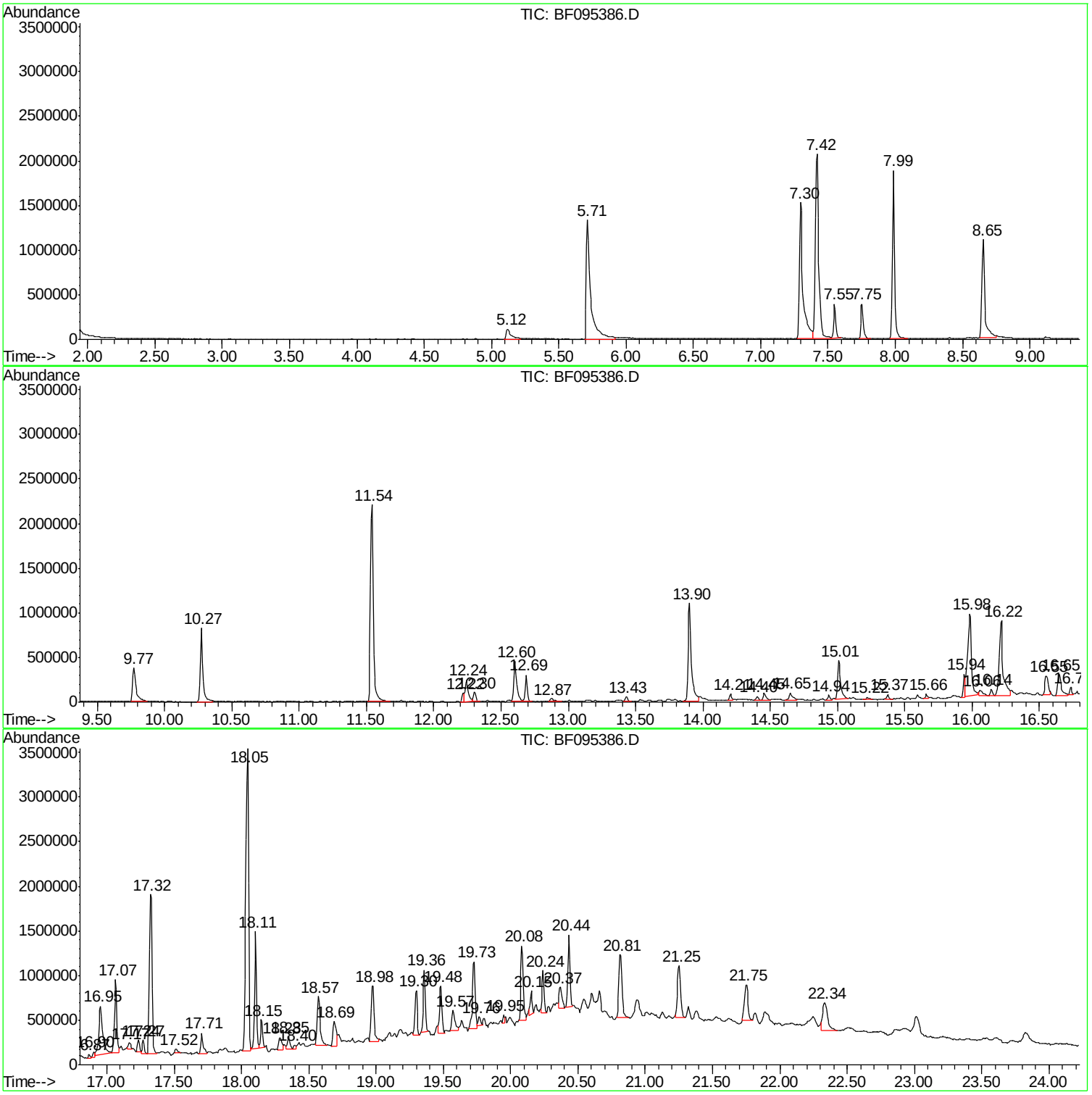
Sum of corrected areas: 54372982

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

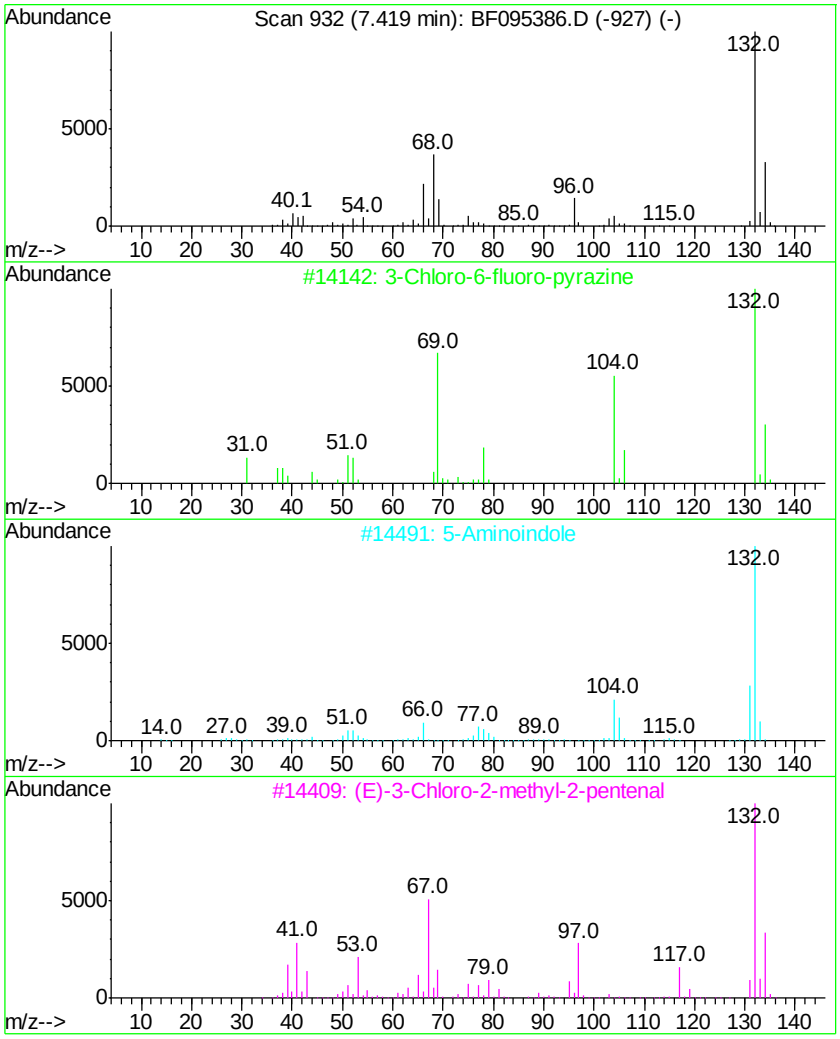
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

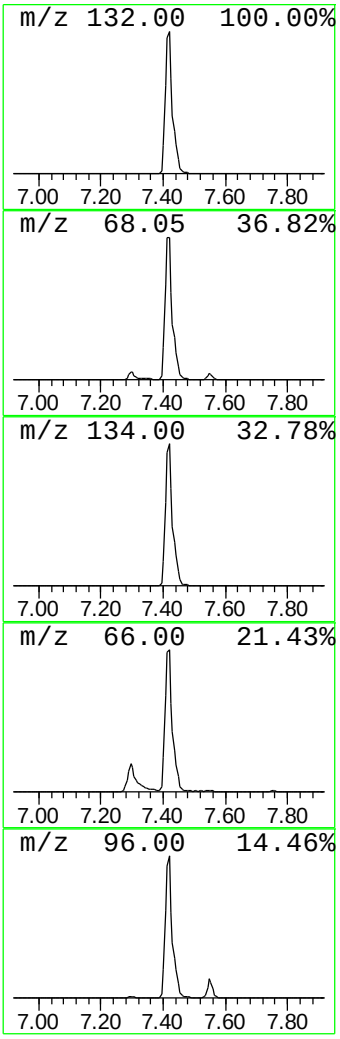
****

Peak Number 1 unknown7.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	136.89 ng	3474650	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

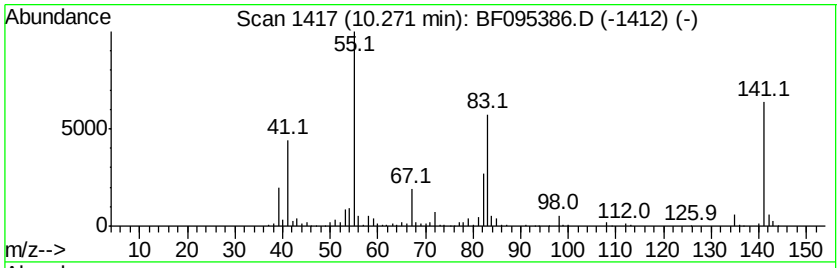
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

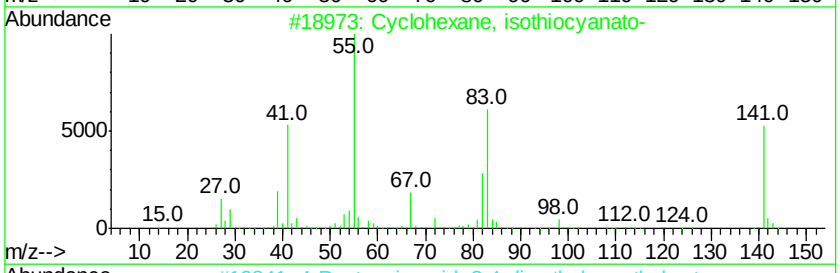
****

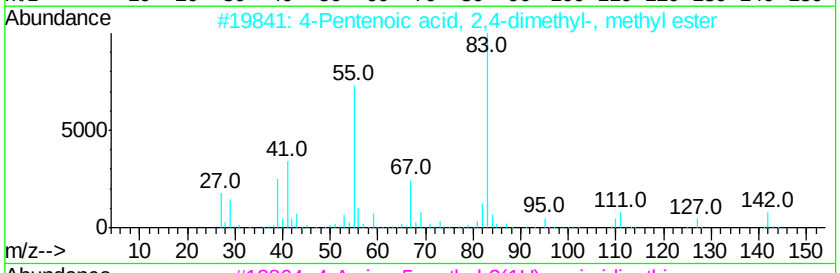
Peak Number 3 Cyclohexane, isothiocyanato- Concentration Rank 16

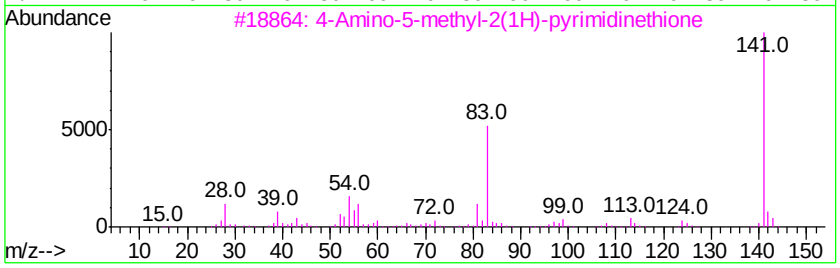
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	36.98 ng	1197690	Naphthalene-d8	9.77

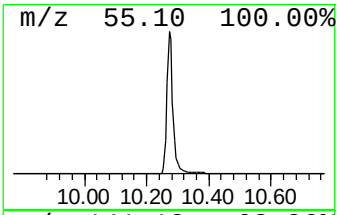
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	97
2	4-Pentenoic acid, 2,4-dimethyl-,...	142	C8H14O2	034998-29-3	38
3	4-Amino-5-methyl-2(1H)-pyrimidin...	141	C5H7N3S	007390-56-9	38
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	35
5	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	35

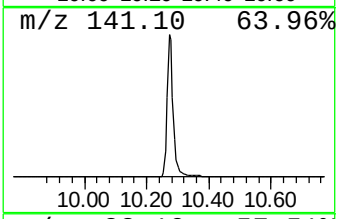


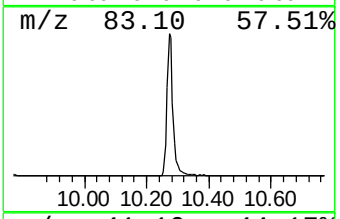


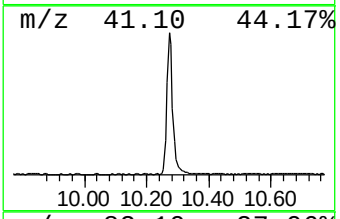


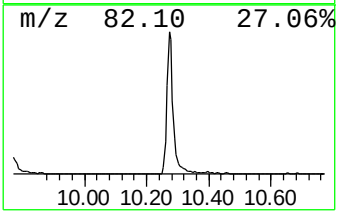












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

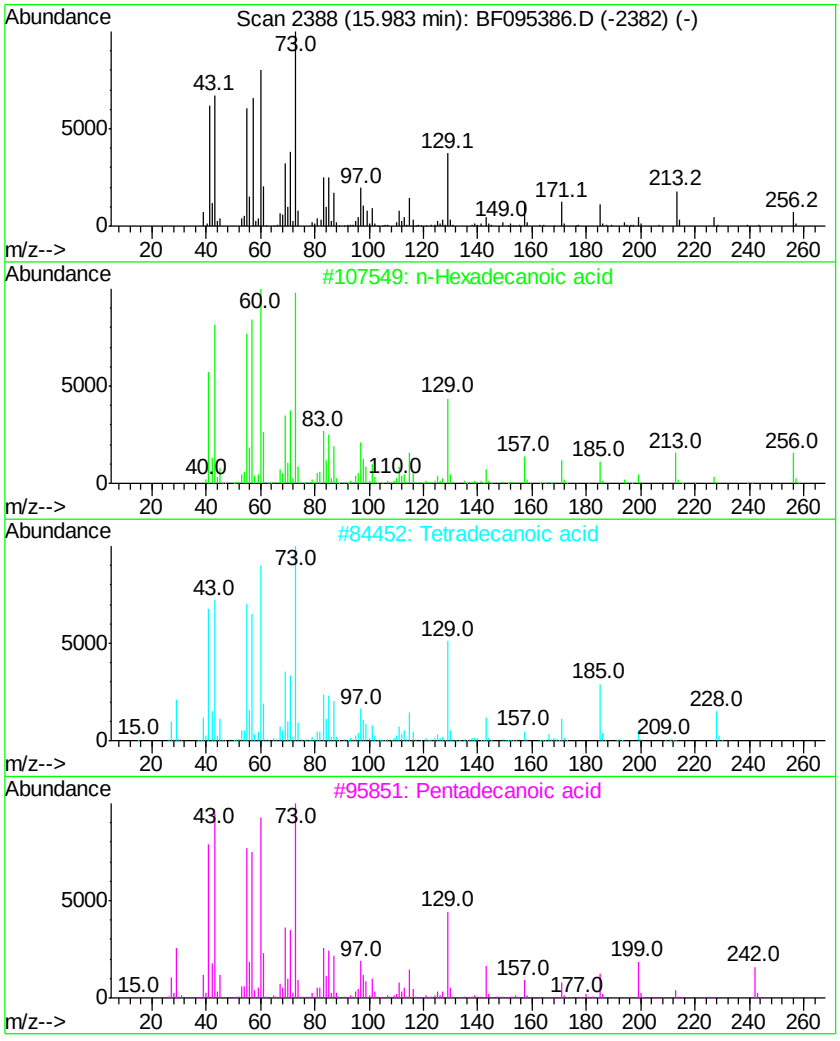
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

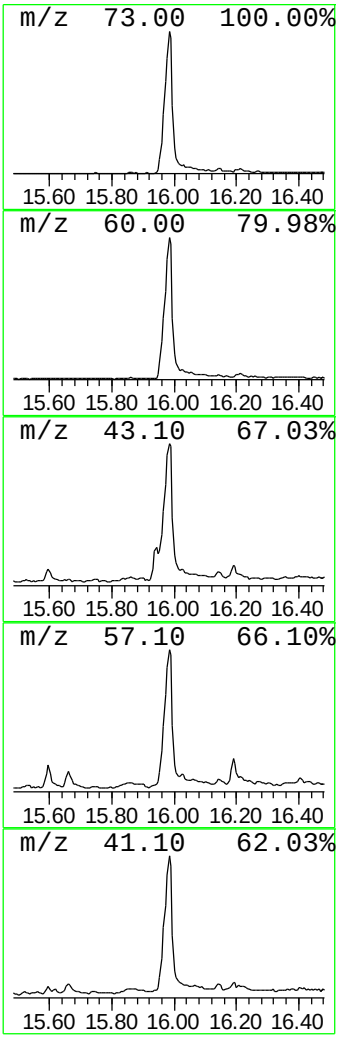
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	55.25 ng	1870510	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

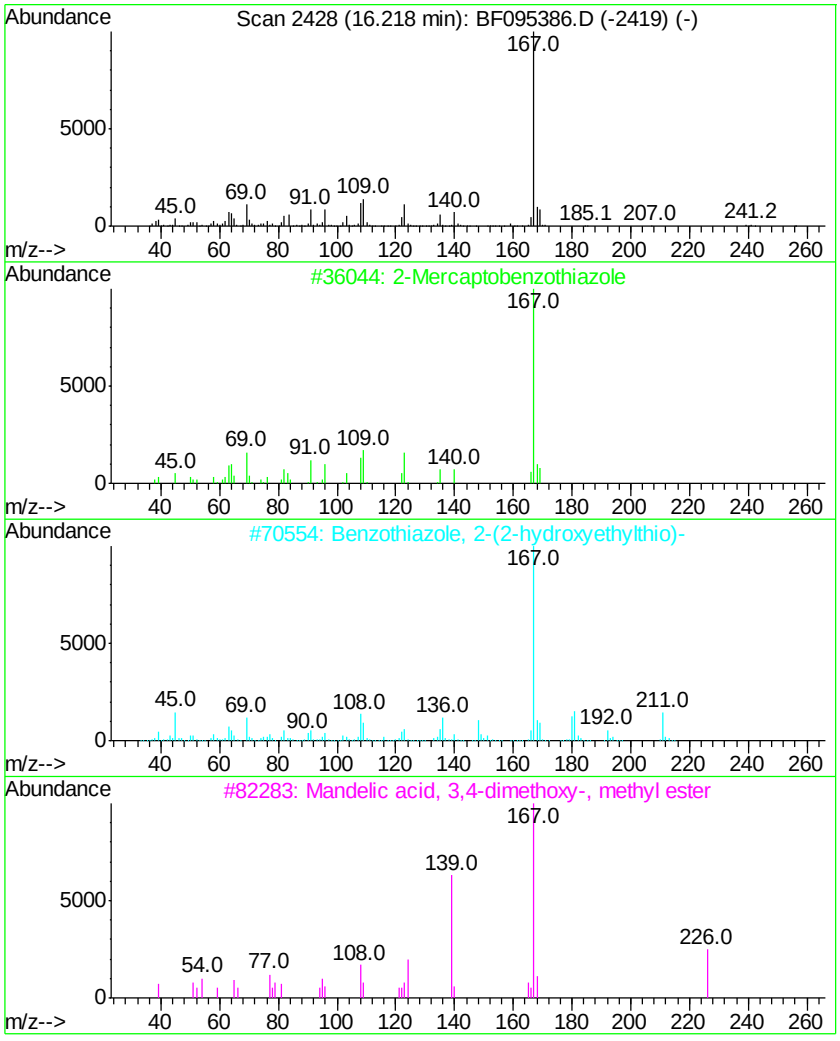
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

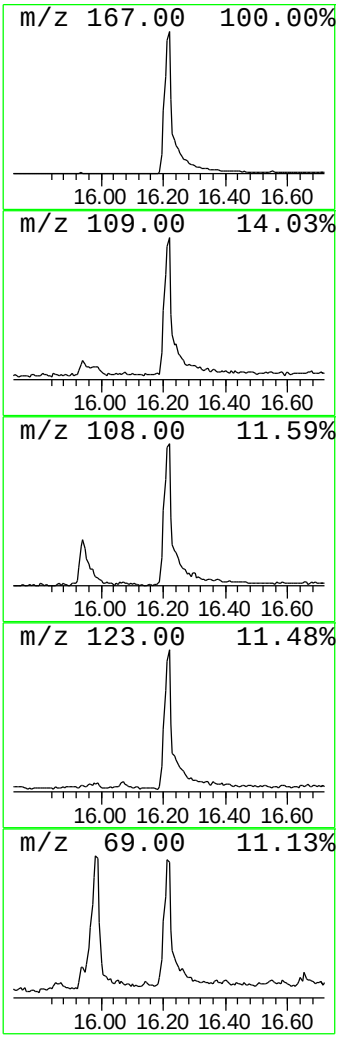
****

Peak Number 5 2-Mercaptobenzothiazole Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	47.64 ng	1612910	Phenanthrene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	97
2	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	78
3	Mandelic acid, 3,4-dimethoxy-, m...	226	C11H14O5	002911-73-1	64
4	2-Methoxythiobenzamide	167	C8H9NOS	042590-97-6	50
5	3-Methoxythiobenzamide	167	C8H9NOS	064559-06-4	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

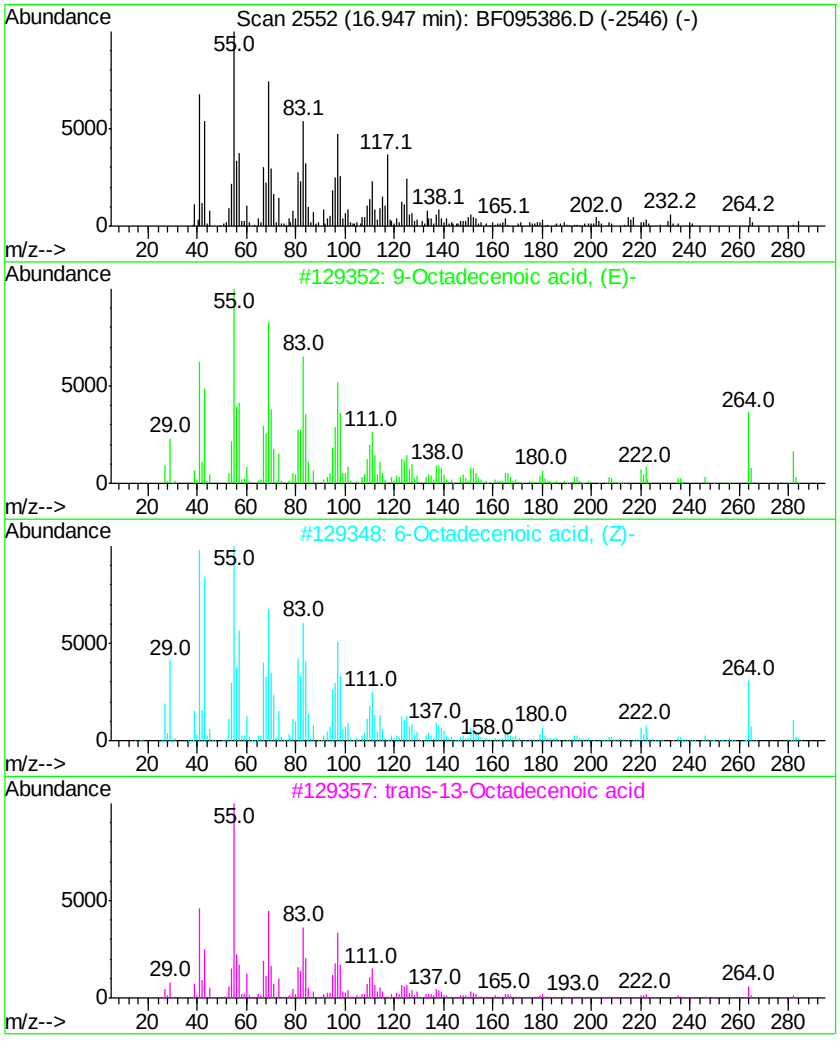
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

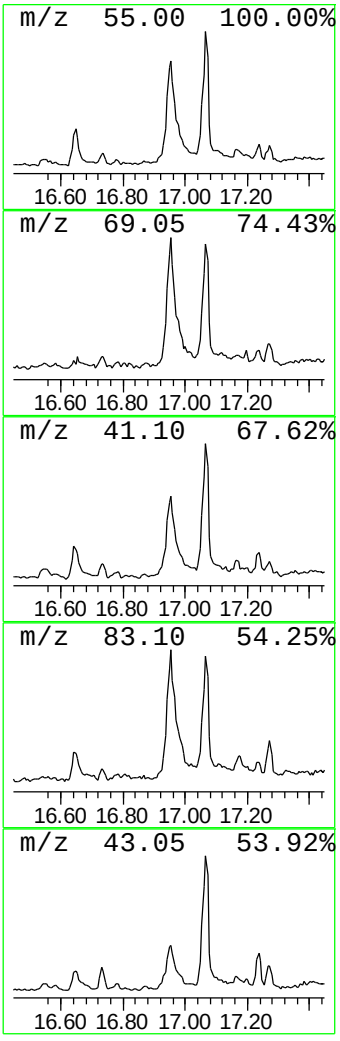
****

Peak Number 6 9-Octadecenoic acid, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	50.34 ng	1152400	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	97
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	89
5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

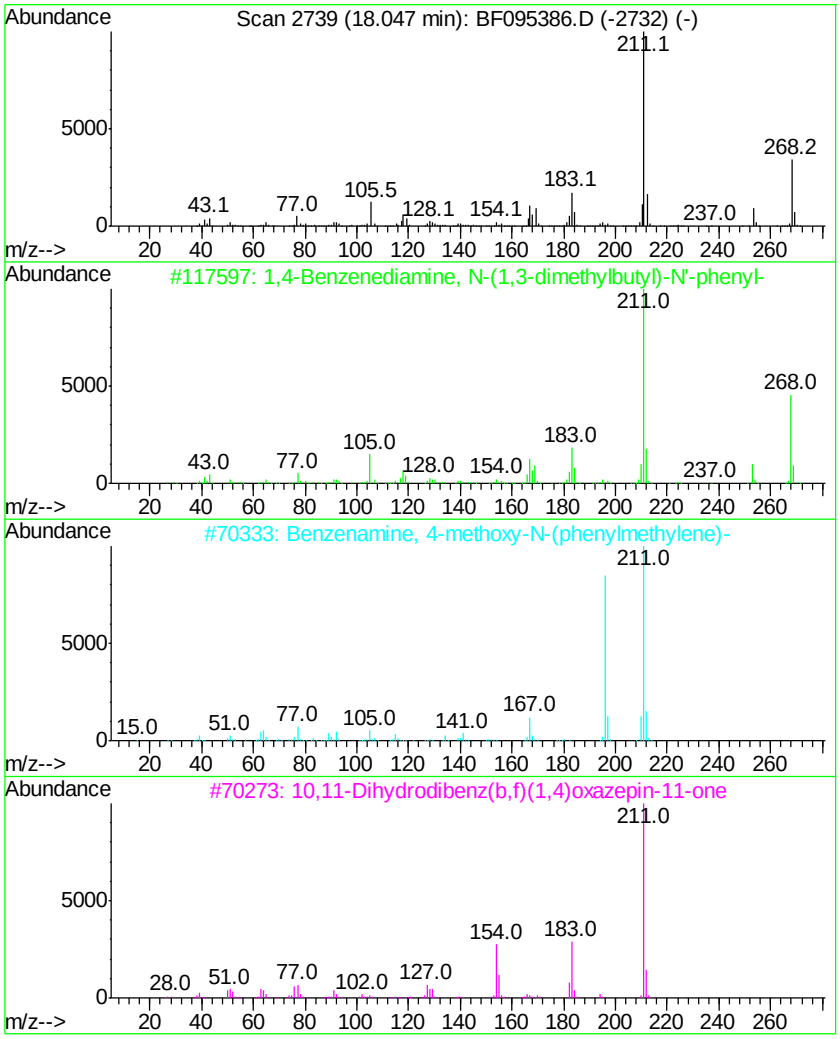
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

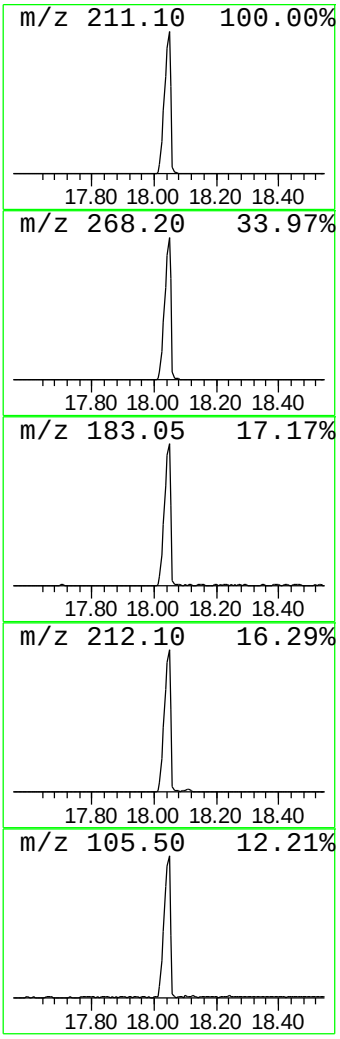
****

Peak Number 7 1,4-Benzenediamine, N-(1,3-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	206.74 ng	4732440	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N-(1,3-dimet...	268	C18H24N2	000793-24-8	99
2	Benzenamine, 4-methoxy-N-(phenyl...	211	C14H13NO	000783-08-4	52
3	10,11-Dihydrodibenz(b,f)(1,4)oxa...	211	C13H9NO2	003158-85-8	50
4	6H-Pyrido[2,3-b][1,4]benzodiazep...	211	C12H9N3O	000885-70-1	50
5	2-(4-Fluorophenyl) indole	211	C14H10FN	1000342-46-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

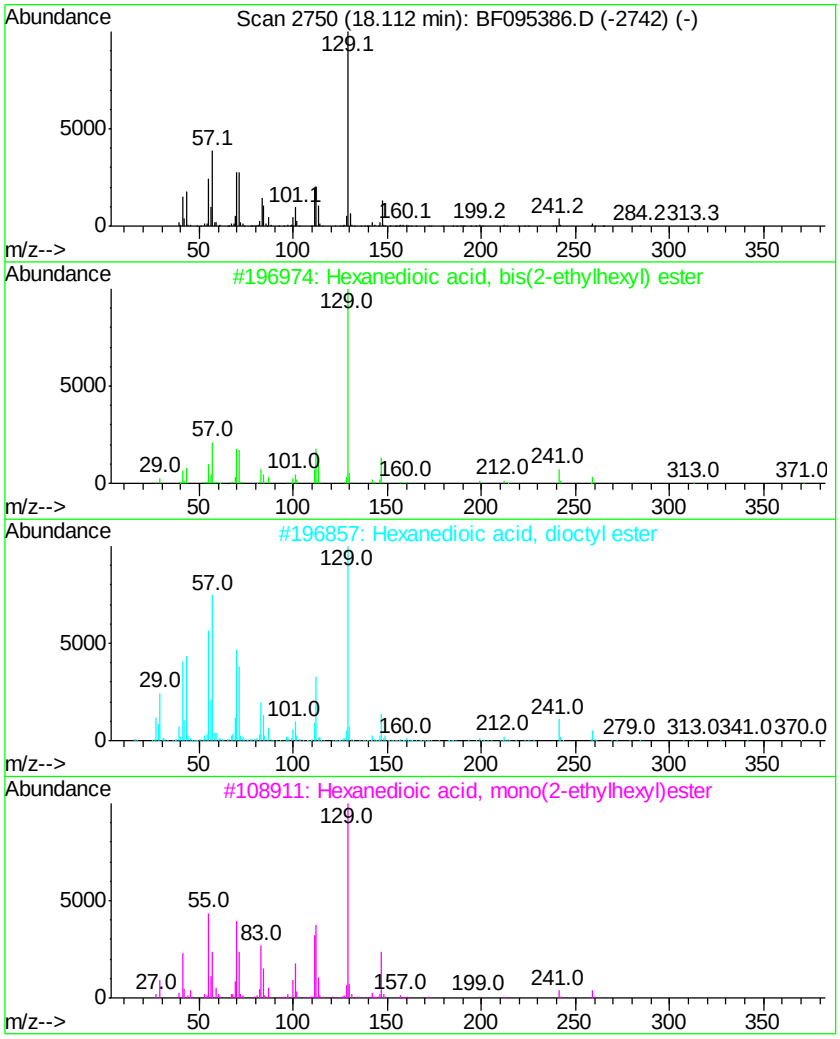
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

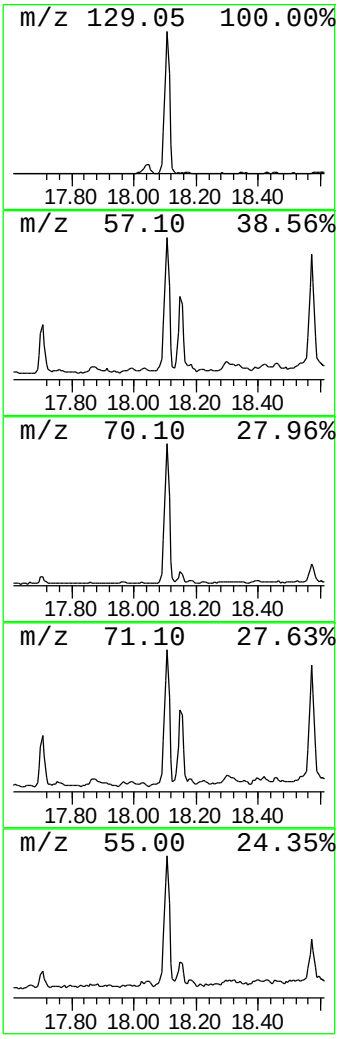
****

Peak Number 8 Hexanedioic acid, bis(2-eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	62.57 ng	1432280	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72
3	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
4	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

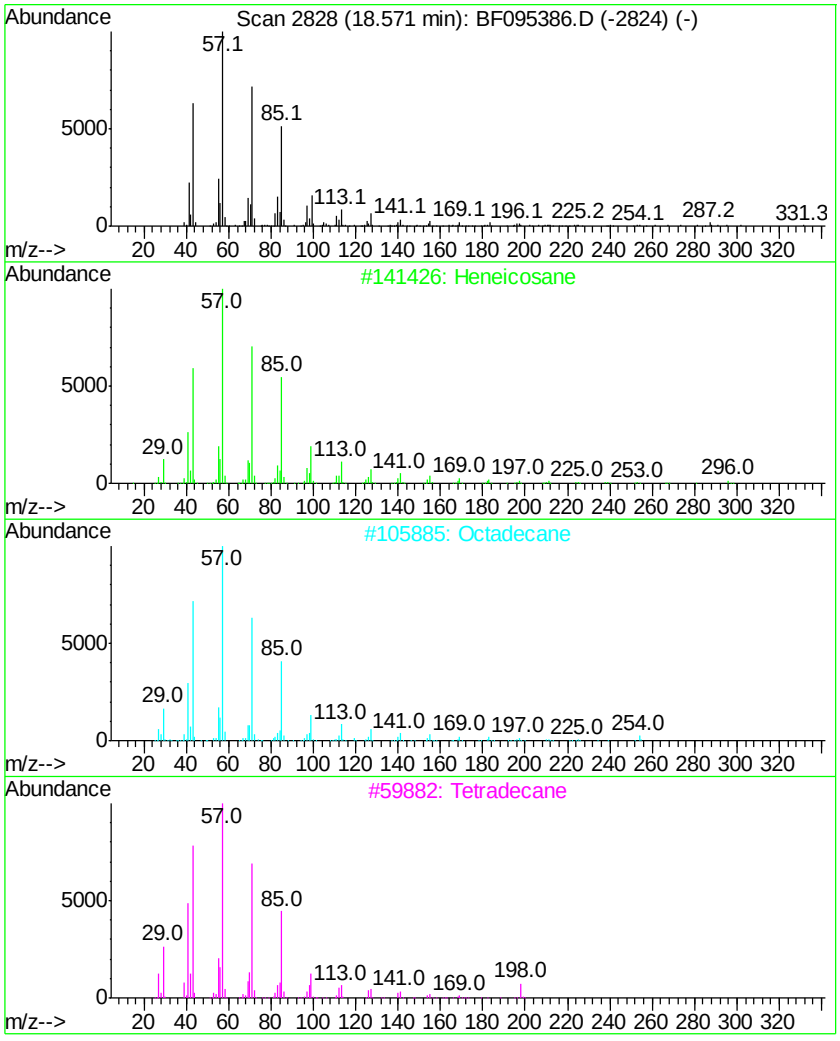
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

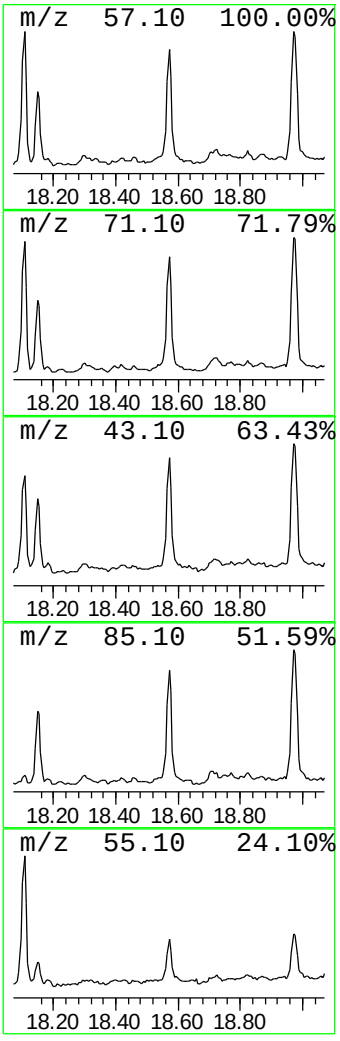
****

Peak Number 9 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	35.97 ng	823325	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexacosane	366	C26H54	000630-01-3	81
5	Heptacosane	380	C27H56	000593-49-7	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

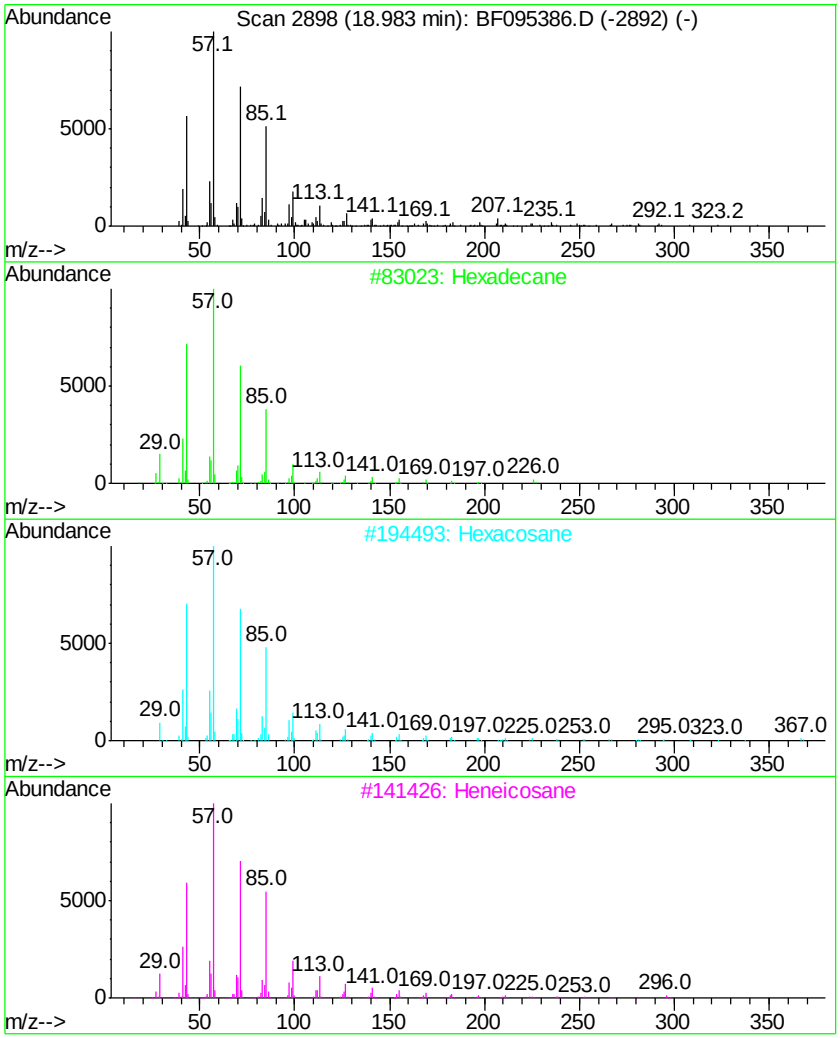
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

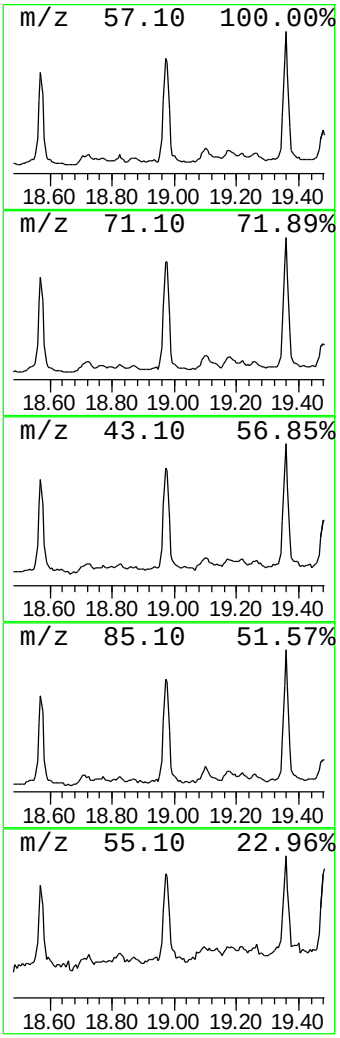
****

Peak Number 10 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	37.80 ng	865176	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

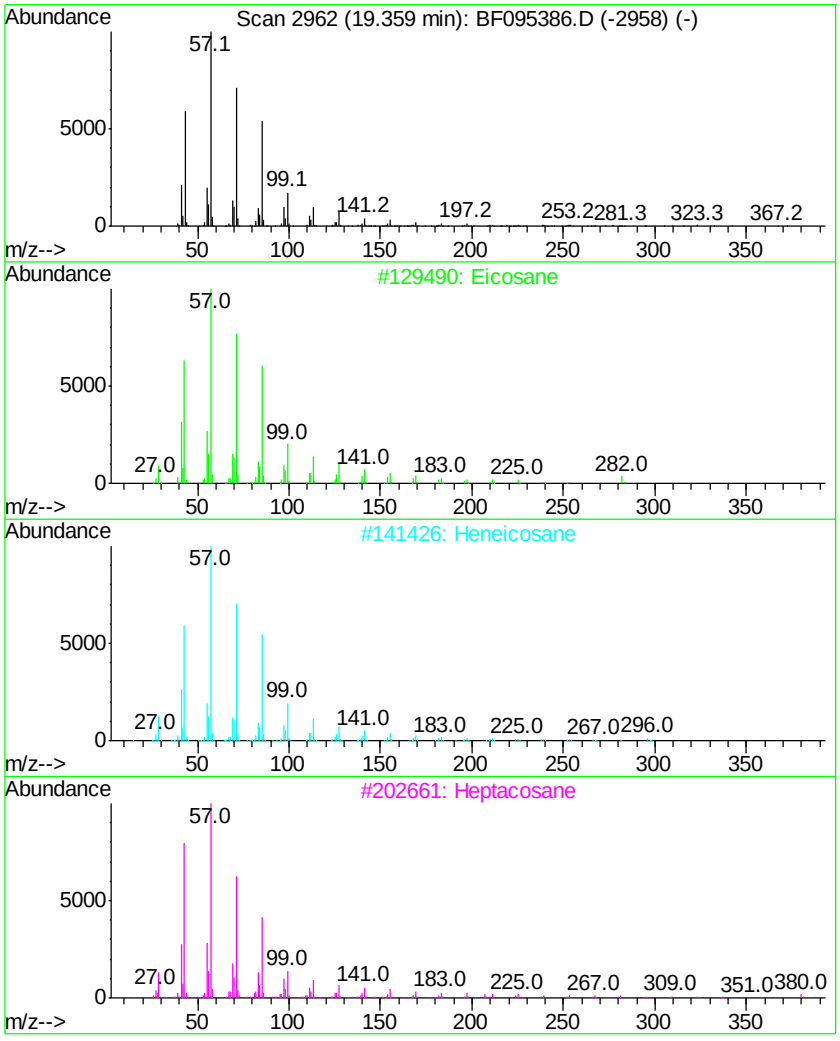
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

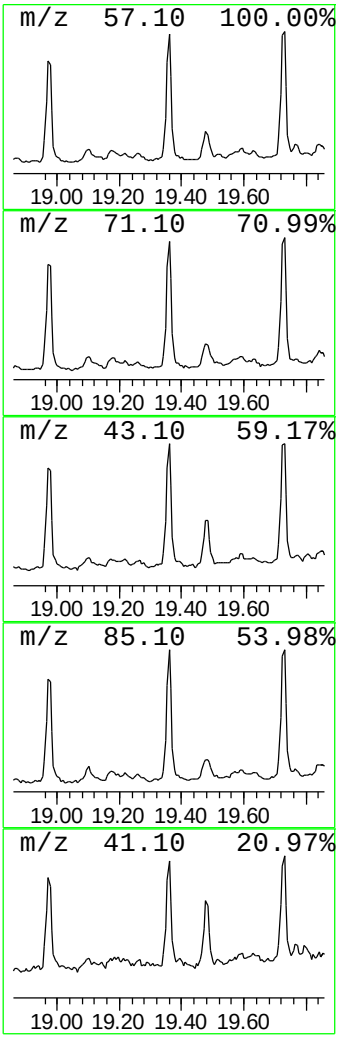
****

Peak Number 11 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	33.99 ng	778051	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	83
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

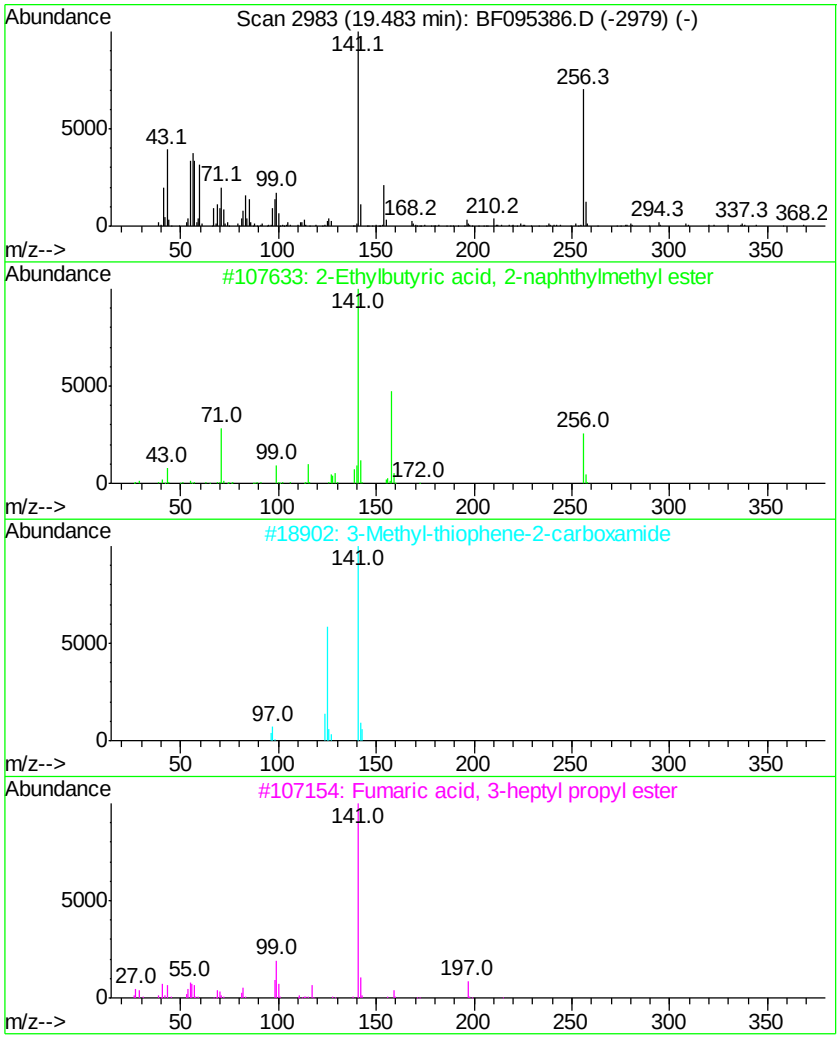
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

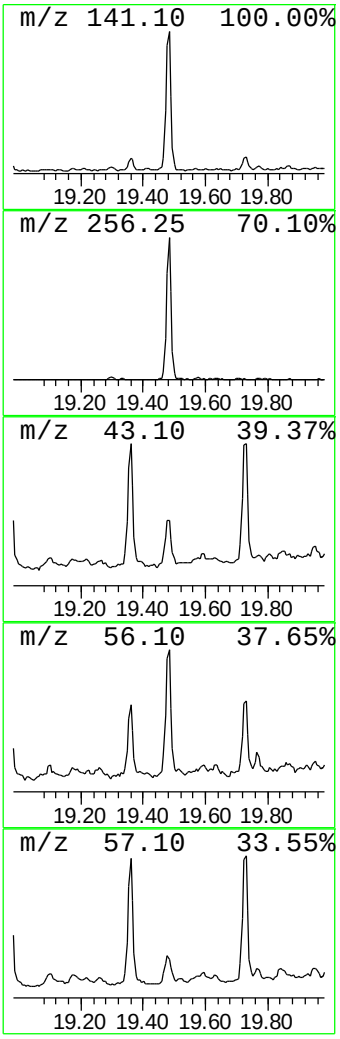
****

Peak Number 12 2-Ethylbutyric acid, 2-naph... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	30.43 ng	696496	Chrysene-d12	18.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylbutyric acid, 2-naphthylm...	256	C17H20O2	1000370-56-1	53
2	3-Methyl-thiophene-2-carboxamide	141	C6H7NOS	076655-99-7	38
3	Fumaric acid, 3-heptyl propyl ester	256	C14H24O4	1000348-67-8	38
4	2,4-Difluorobenzoic acid, 5-dode...	326	C19H28F2O2	1000338-56-5	35
5	2,5-Difluorobenzoic acid, 4-trid...	340	C20H30F2O2	1000338-47-5	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

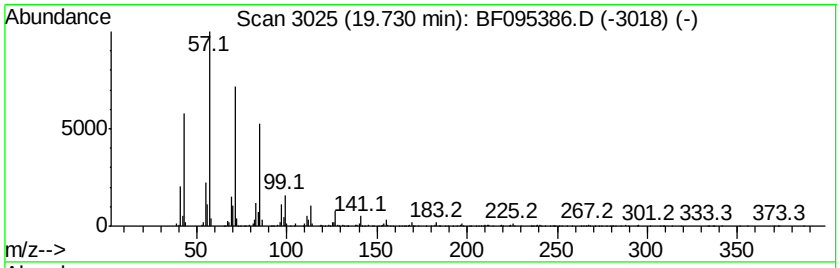
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

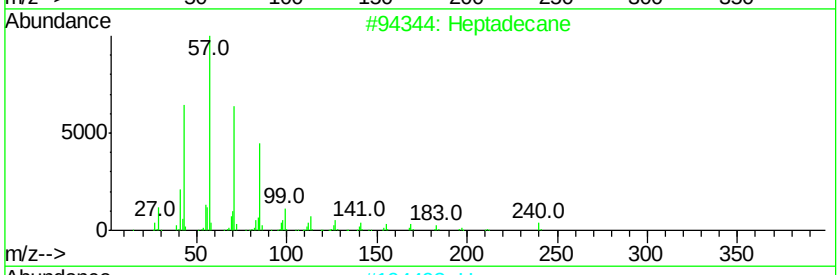
****

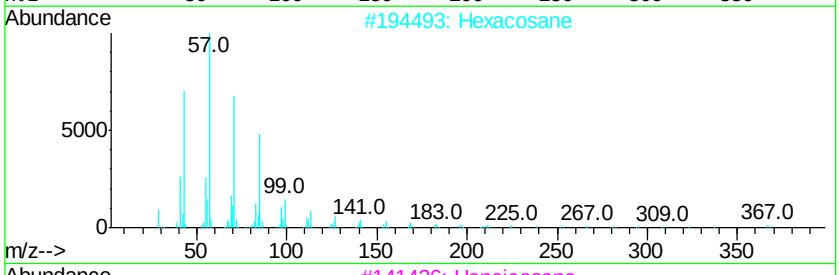
Peak Number 13 Heptadecane Concentration Rank 7

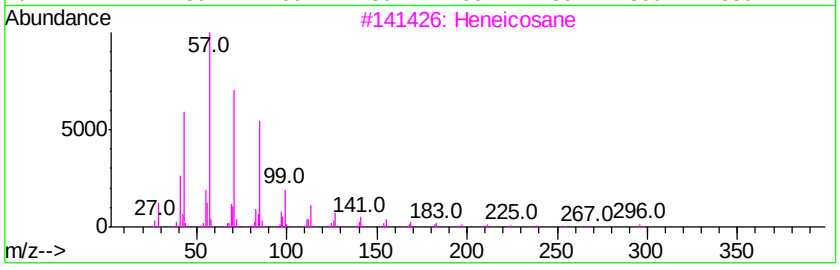
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	62.14 ng	1063490	Perylene-d12	20.37

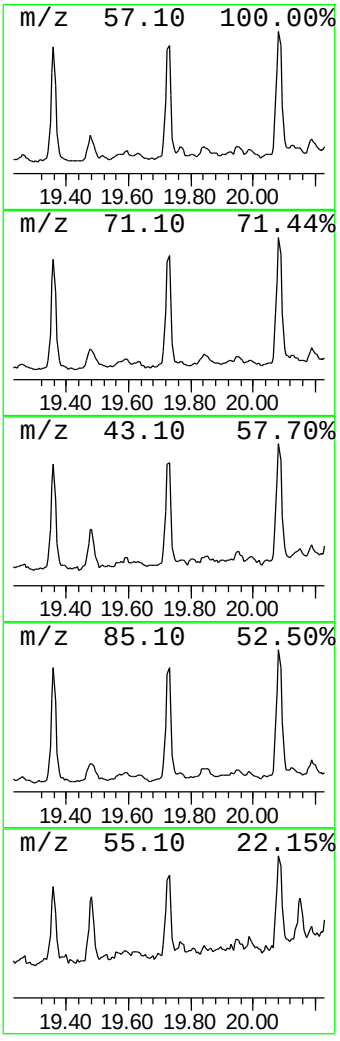
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

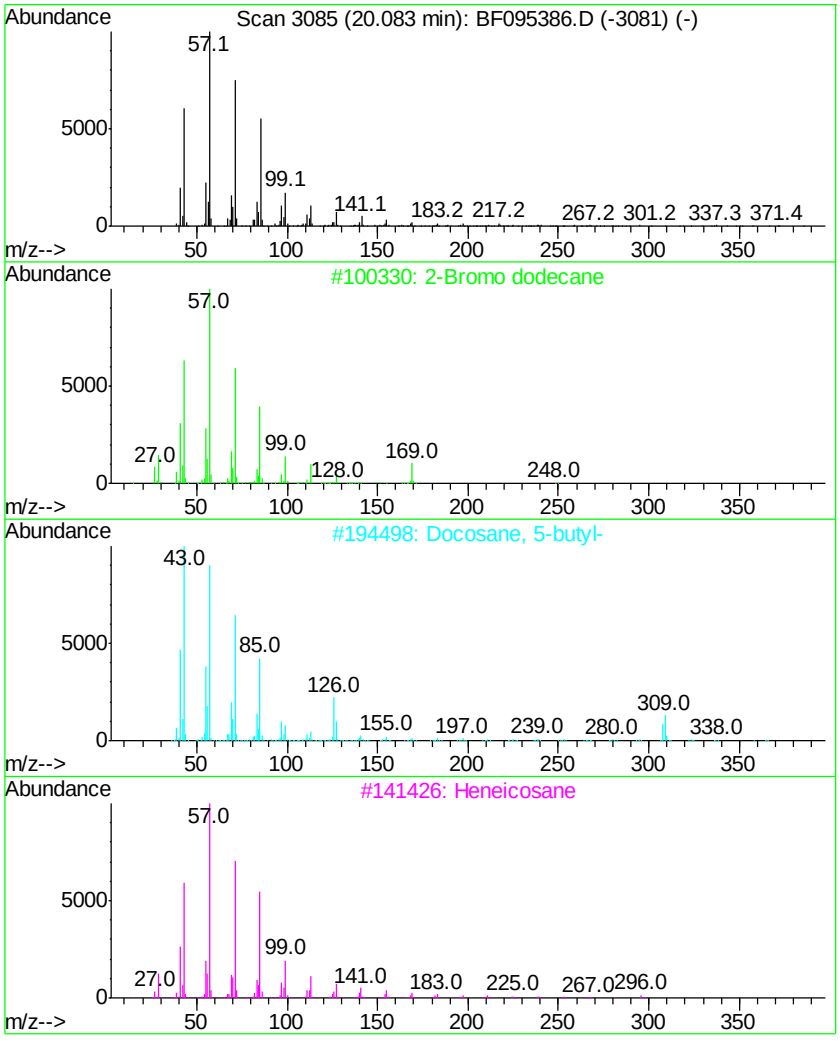
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

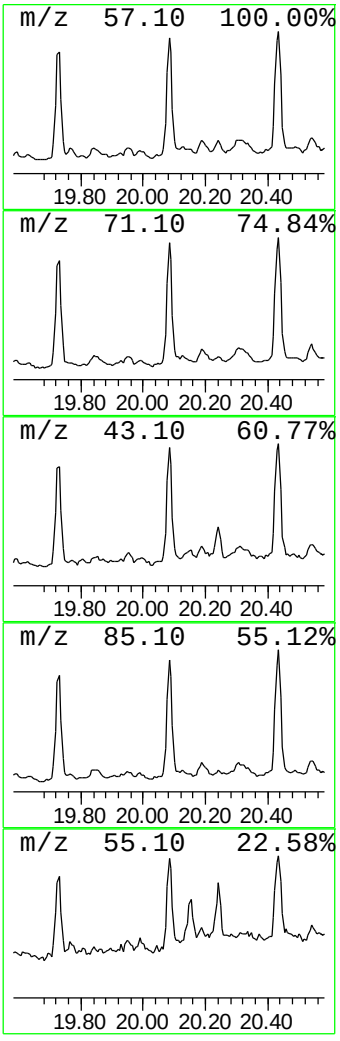
****

Peak Number 14 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	63.04 ng	1078950	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

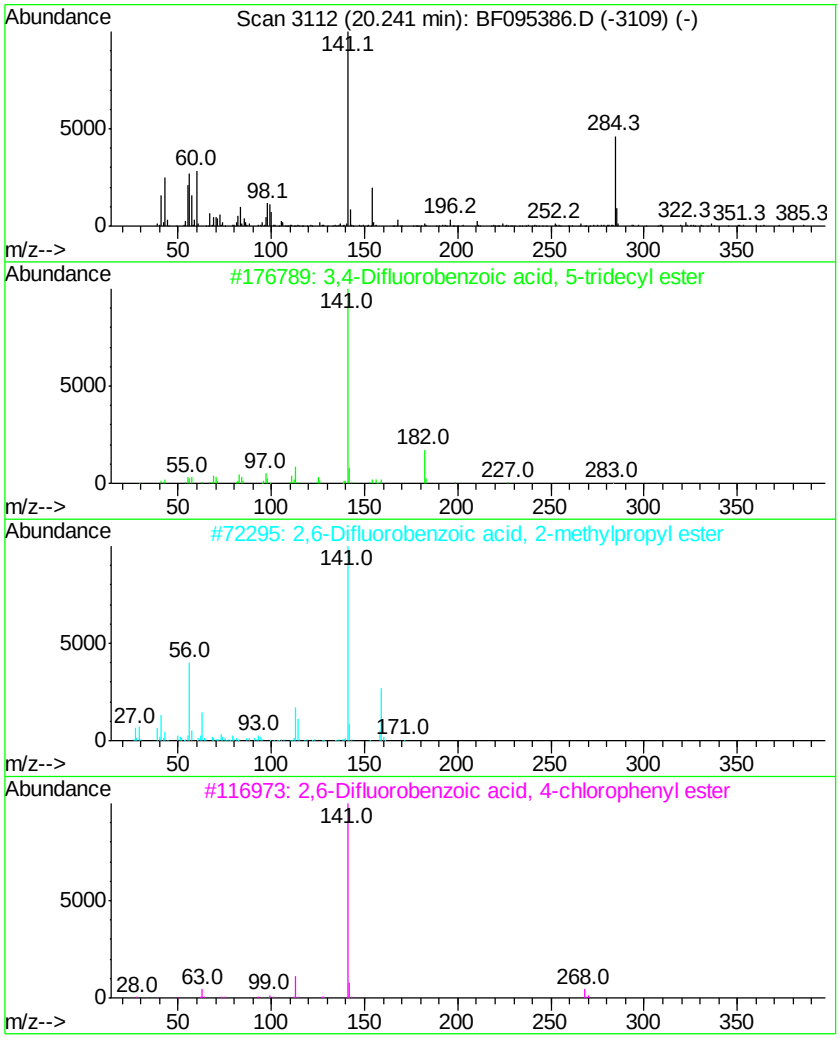
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

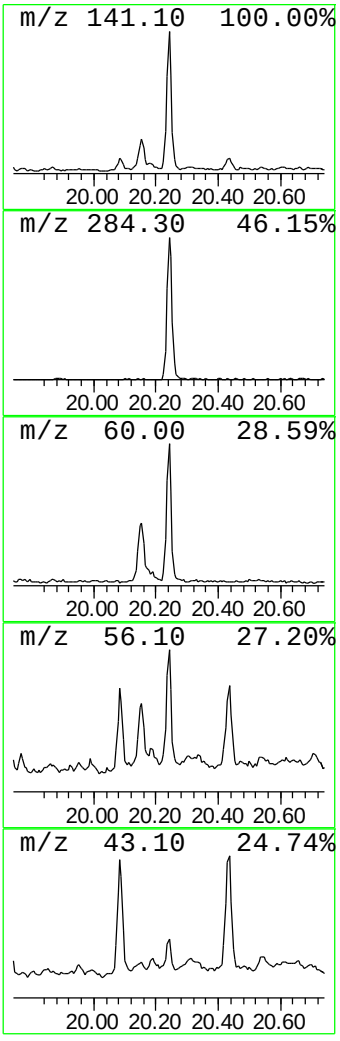
****

Peak Number 15 unknown20.24 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	28.52 ng	488187	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluorobenzoic acid, 5-trid...	340	C20H30F2O2	1000338-60-2	27
2	2,6-Difluorobenzoic acid, 2-meth...	214	C11H12F2O2	1000293-47-5	25
3	2,6-Difluorobenzoic acid, 4-chlo...	268	C13H7ClF2O2	1000307-55-7	25
4	Nonanoic acid, 2,3,4,6-tetrachlo...	370	C15H18Cl4O2	1000360-67-4	22
5	2,5-Difluorobenzoic acid, 6-tetr...	354	C21H32F2O2	1000338-48-2	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

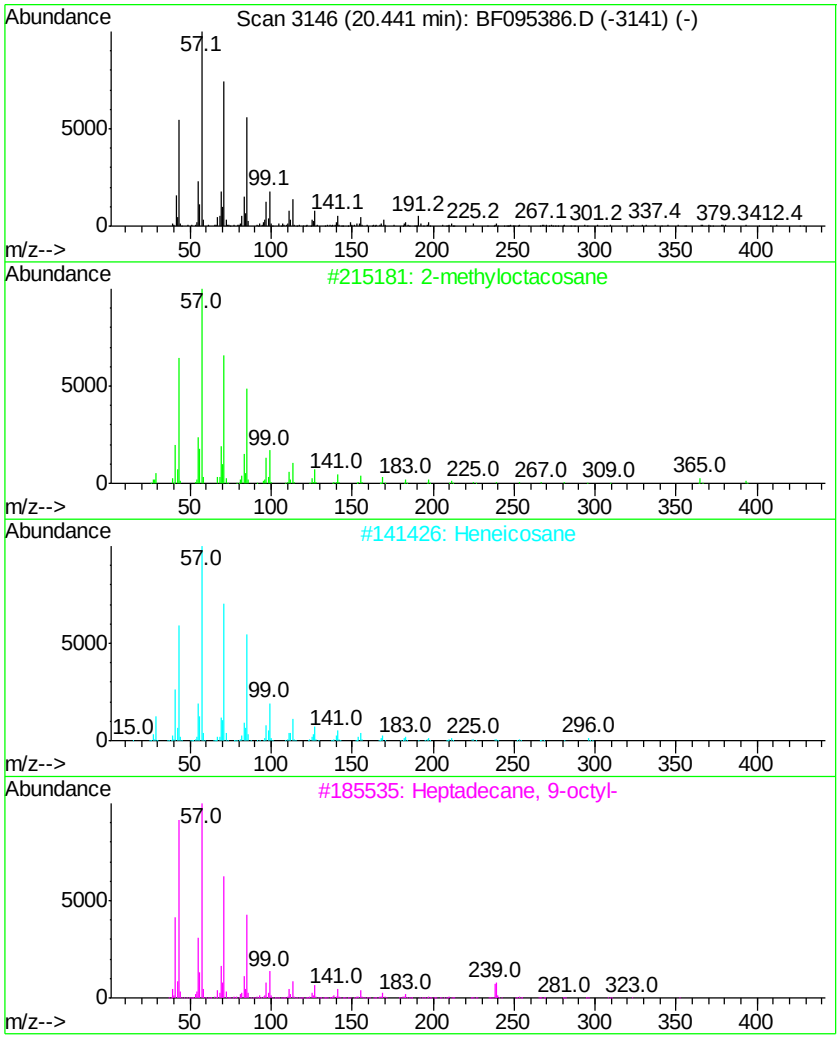
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

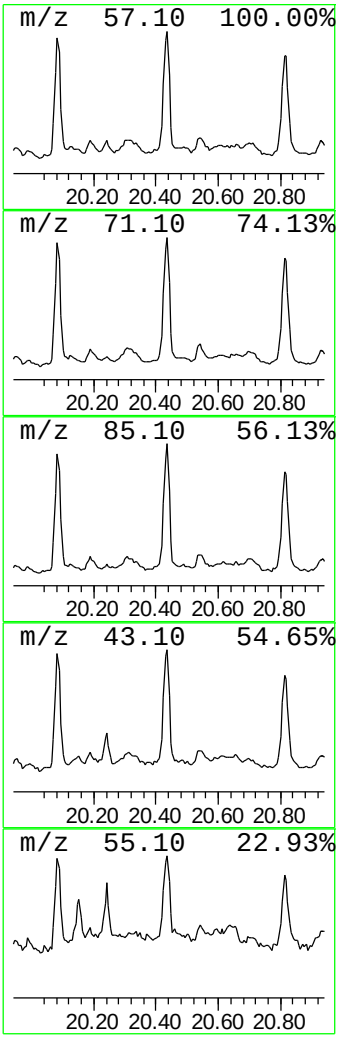
****

Peak Number 16 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	57.48 ng	983711	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

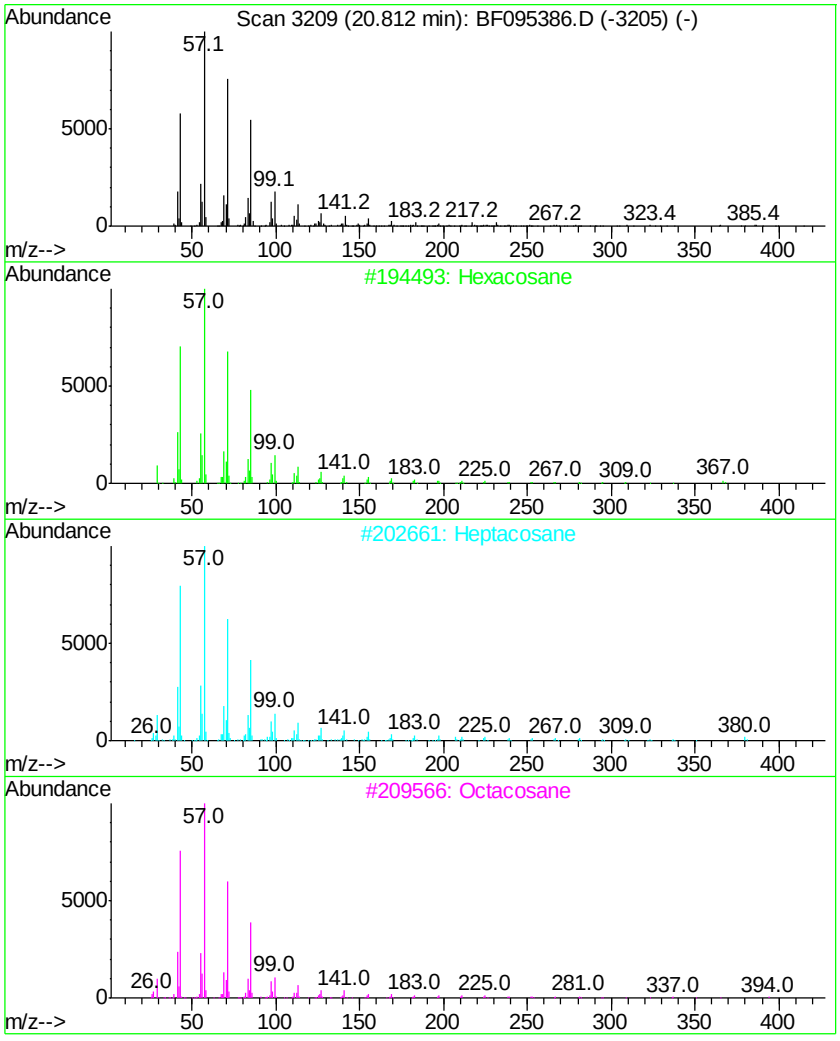
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

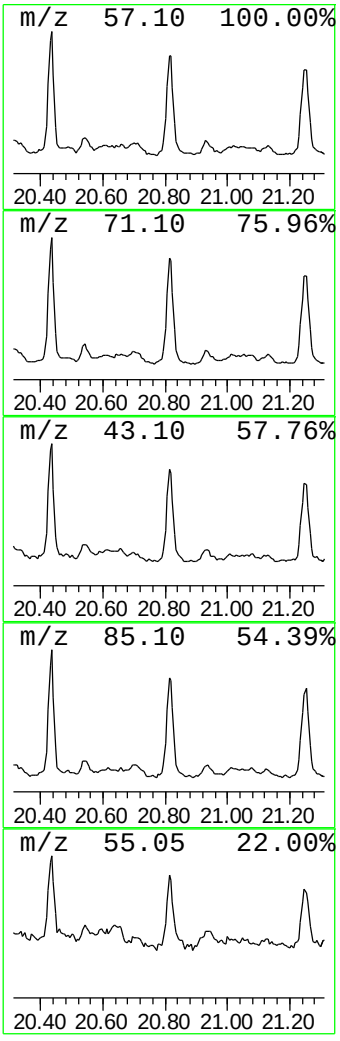
****

Peak Number 17 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	64.34 ng	1101090	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

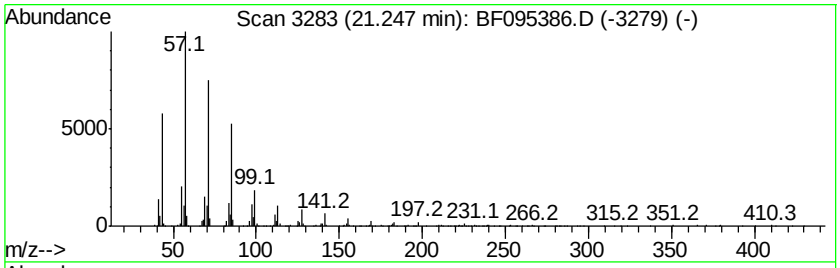
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

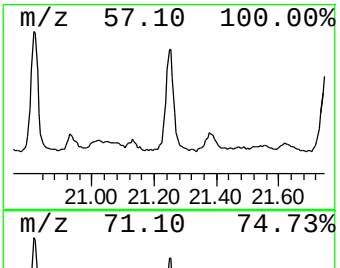
****

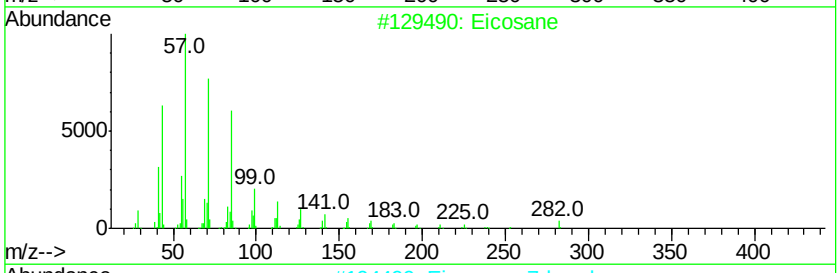
Peak Number 18 Octadecane, 1-iodo- Concentration Rank 9

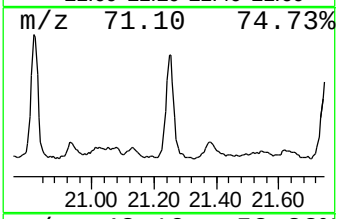
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	55.74 ng	953885	Perylene-d12	20.37

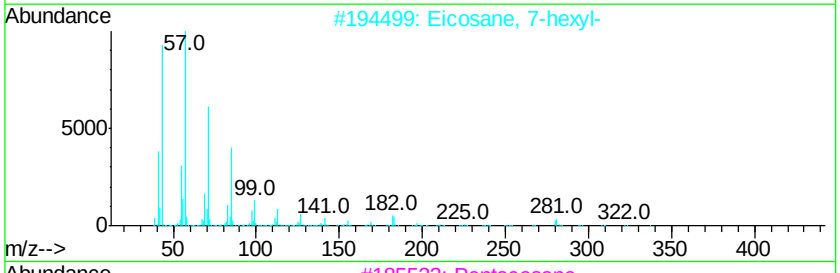
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86

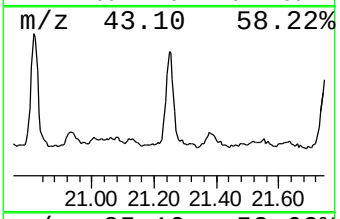


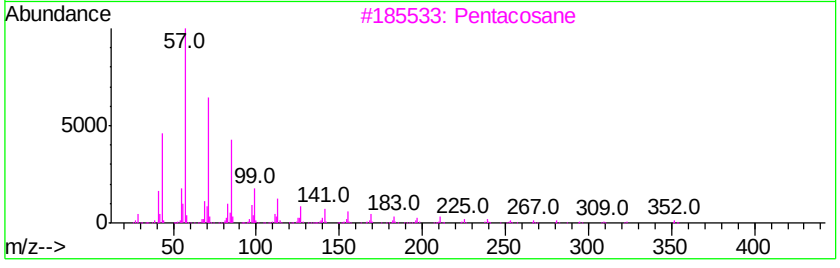


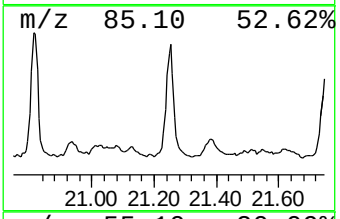


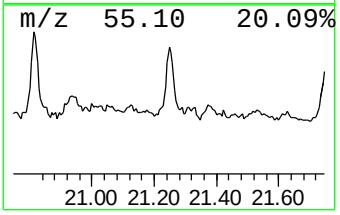












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

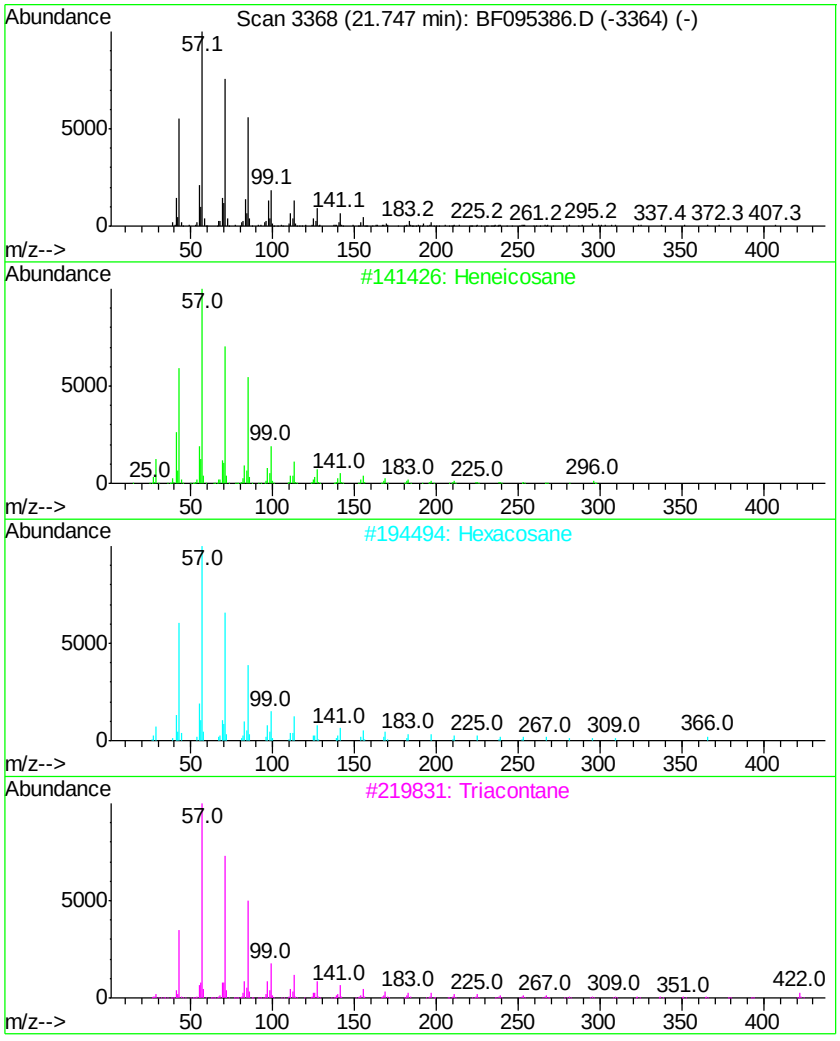
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

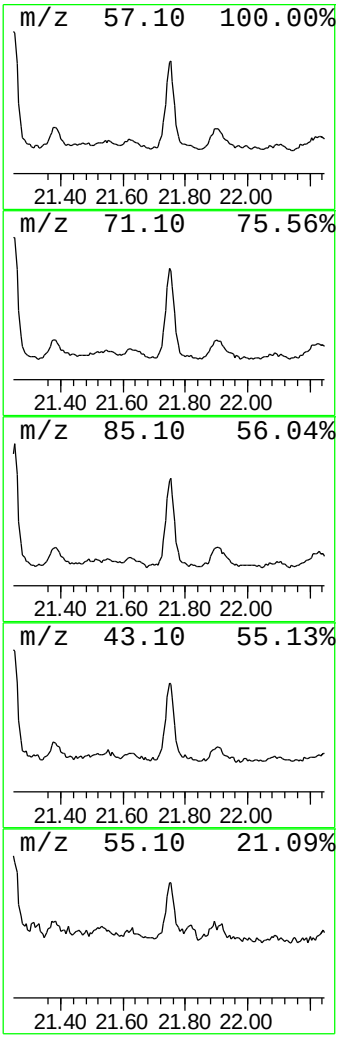
****

Peak Number 19 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	40.41 ng	691676	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Triacontane	422	C30H62	000638-68-6	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

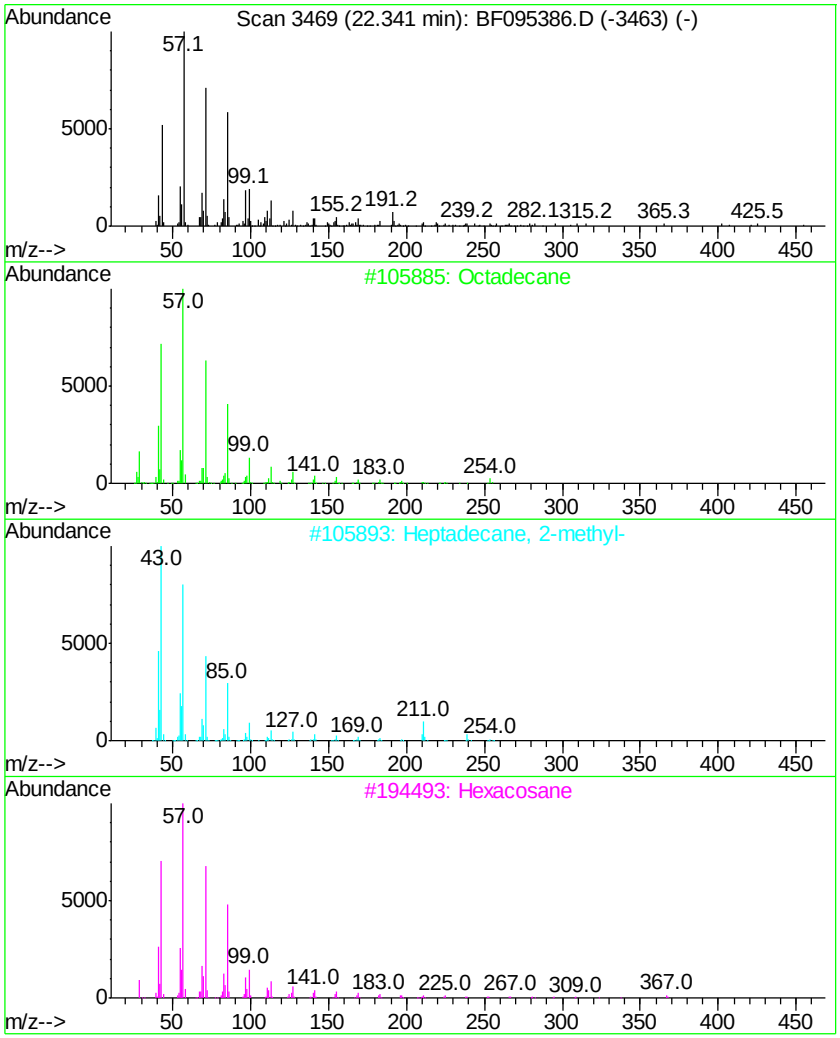
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

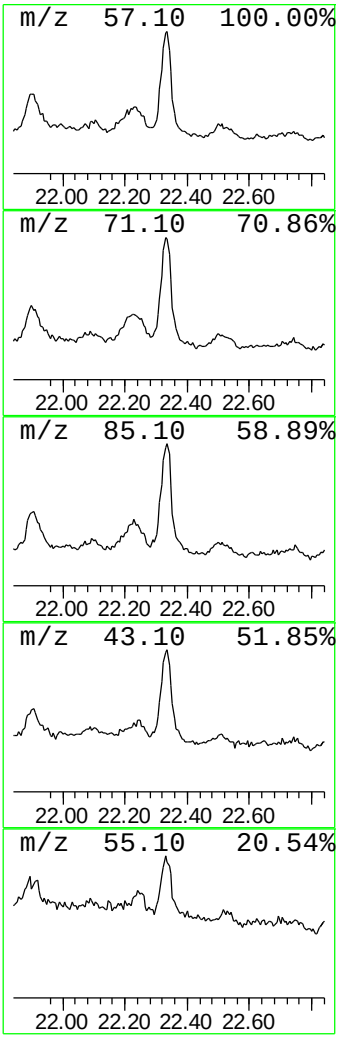
****

Peak Number 20 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	46.37 ng	793561	Perylene-d12	20.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-20COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
unknown7.42	7.42	136.9	ng	3474650	1	7.75	507654	20.0
Cyclohexane, isot...	10.27	37.0	ng	1197690	2	9.77	647802	20.0
n-Hexadecanoic acid	15.98	55.3	ng	1870510	4	15.01	677086	20.0
2-Mercaptobenzoth...	16.22	47.6	ng	1612910	4	15.01	677086	20.0
9-Octadecenoic ac...	16.95	50.3	ng	1152400	5	18.69	457820	20.0
1,4-Benzenediamin...	18.05	206.7	ng	4732440	5	18.69	457820	20.0
Hexanedioic acid,...	18.11	62.6	ng	1432280	5	18.69	457820	20.0
Heneicosane	18.57	36.0	ng	823325	5	18.69	457820	20.0
Hexadecane	18.98	37.8	ng	865176	5	18.69	457820	20.0
Eicosane	19.36	34.0	ng	778051	5	18.69	457820	20.0
2-Ethylbutyric ac...	19.48	30.4	ng	696496	5	18.69	457820	20.0
Heptadecane	19.73	62.1	ng	1063490	6	20.37	342289	20.0
2-Bromo dodecane	20.08	63.0	ng	1078950	6	20.37	342289	20.0
unknown20.24	20.24	28.5	ng	488187	6	20.37	342289	20.0
2-methyloctacosane	20.44	57.5	ng	983711	6	20.37	342289	20.0
Hexacosane	20.81	64.3	ng	1101090	6	20.37	342289	20.0
Octadecane, 1-iodo-	21.25	55.7	ng	953885	6	20.37	342289	20.0
Pentacosane	21.75	40.4	ng	691676	6	20.37	342289	20.0
Octadecane	22.34	46.4	ng	793561	6	20.37	342289	20.0