LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-210

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_F\Methods\8270-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128162.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	479	483	487	rVB	18535	22452	1.05%	0.132%
2	5.516	544	549	552	rBV	1771290	1722407	80.21%	10.098%
3	6.516	715	719	722	rBV	1751157	1773795	82.60%	10.399%
4	6.892	779	783	786	rBV	612412	518758	24.16%	3.041%
5	7.457	874	879	882	rBV	1274738	1196984	55.74%	7.018%
6	8.175	996	1001	1004	rBV	756662	671838	31.29%	3.939%
7	9.251	1179	1184	1187	rBV	2268622	2147362	100.00%	12.589%
8	9.933	1295	1300	1303	rBV	892144	775213	36.10%	4.545%
9	10.122	1328	1332	1338	rBV6	15871	29493	1.37%	0.173%
10	10.722	1430	1434	1438	rBV	1516288	1360745	63.37%	7.978%
11	11.421	1549	1553	1556	rBV	903946	800442	37.28%	4.693%
12	11.445	1556	1557	1560	rVB	154646	92698	4.32%	0.543%
13	11.657	1588	1593	1598	rBV	17453	24160	1.13%	0.142%
14	11.804	1613	1618	1621	rBV4	20769	26102	1.22%	0.153%
15	11.939	1635	1641	1646	rBV2	82536	166197	7.74%	0.974%
16	12.033	1654	1657	1660	rBV2	45755	51005	2.38%	0.299%
17	12.251	1691	1694	1697	rVB2	25704	23984	1.12%	0.141%
18	12.474	1728	1732	1734	rBV	36504	35607	1.66%	0.209%
19	12.563	1744	1747	1751	rBV4	22486	26830	1.25%	0.157%
20	12.639	1756	1760	1765	rVB	265200	217340	10.12%	1.274%
21	12.868	1792	1799	1802	rBV	269281	305279	14.22%	1.790%
22	12.910	1802	1806	1816	rVB2	85469	215810	10.05%	1.265%
23	13.010	1819	1823	1826	rBV	2188003	1922015	89.51%	11.268%
24	13.086	1832	1836	1841	rBV3	19569	31825	1.48%	0.187%
25	13.174	1848	1851	1852	rBV3	20463	22131	1.03%	0.130%
26	13.198	1852	1855	1858	rVB2	34255	34051	1.59%	0.200%
27	13.298	1868	1872	1876	rBV2	26648	28524	1.33%	0.167%
28	13.704	1939	1941	1945	rVB	24675	26028	1.21%	0.153%
29	13.815	1956	1960	1963	rBV3	22833	27137	1.26%	0.159%
30	13.880	1963	1971	1974	rBV5	117233	268741	12.51%	1.576%
31	14.033	1994	1997	1999	rBV	94025	80740	3.76%	0.473%
32	14.068	1999	2003	2006	rVV	599100	597965	27.85%	3.506%
33	14.092	2006	2007	2014	rVB	95748	78370	3.65%	0.459%
34	14.162	2014	2019	2023	rBV	185520	194157	9.04%	1.138%
35	14.215	2023	2028	2030	rBV2	23412	26024	1.21%	0.153%
36	14.562	2082	2087	2093	rBV3	94841	210368	9.80%	1.233%

LSC Area Percent Report

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Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

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_F\Methods\8270-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.833	2130	2133	2138	rVB3	22805	26107	1.22%	0.153%
38	15.121	2178	2182	2185	rBV	70613	101754	4.74%	0.597%
39	15.221	2193	2199	2208	rVB3	65066	156143	7.27%	0.915%
40	15.433	2231	2235	2242	rVB	51318	70147	3.27%	0.411%
41	15.498	2242	2246	2251	rVB	61361	77945	3.63%	0.457%
42	15.562	2252	2257	2267	rVV	388582	519626	24.20%	3.046%
43	15.733	2278	2286	2290	rBV	19783	53633	2.50%	0.314%
44	15.974	2321	2327	2332	rBV	41473	90752	4.23%	0.532%
45	16.868	2471	2479	2484	rBV5	25679	72611	3.38%	0.426%
46	17.074	2509	2514	2520	rVB2	28614	54506	2.54%	0.320%
47	17.533	2587	2592	2598	rBV2	27091	52145	2.43%	0.306%
48	18.945	2827	2832	2836	rBV8	12235	29035	1.35%	0.170%

Sum of corrected areas: 17056981

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Instrument :
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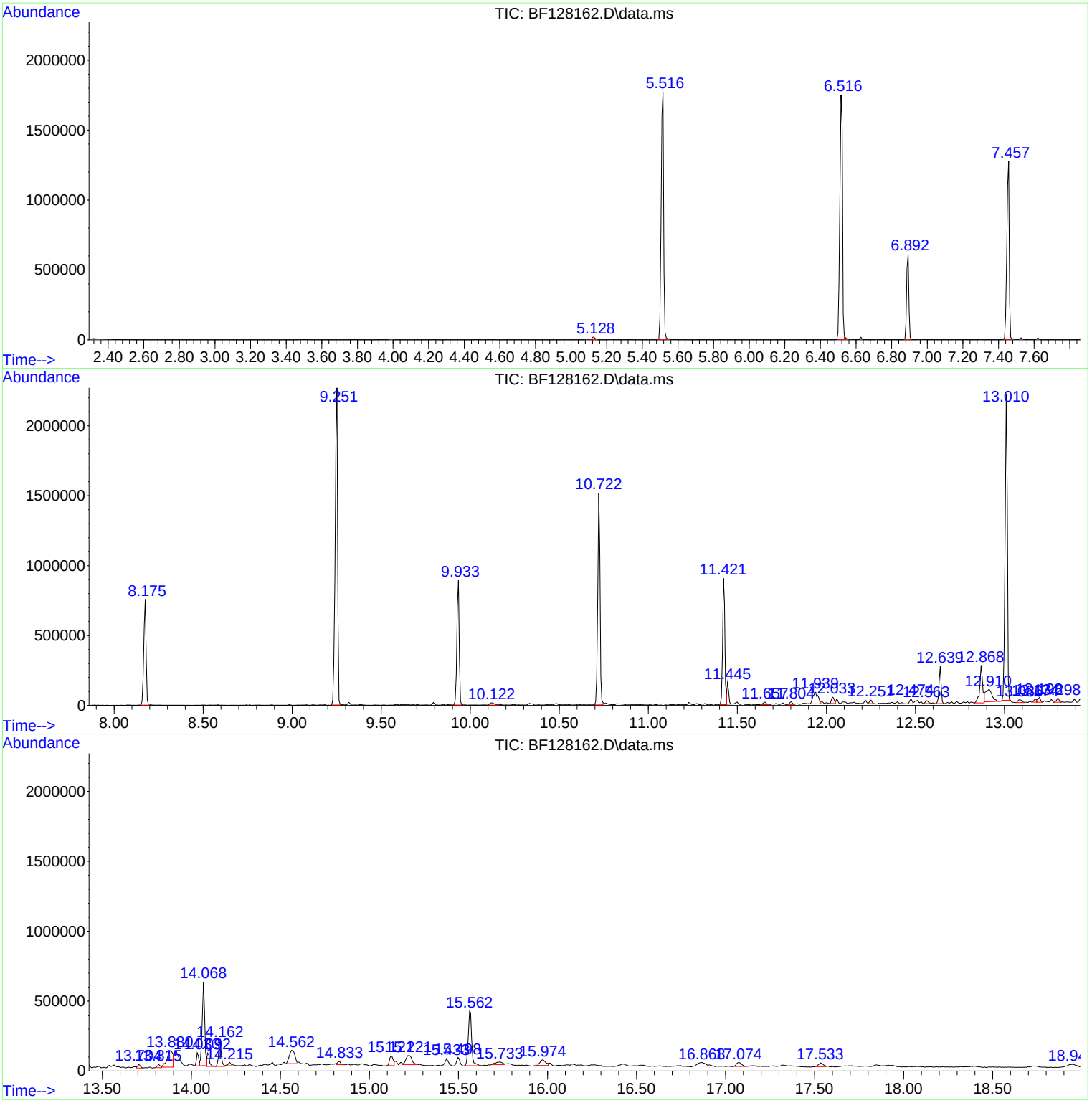
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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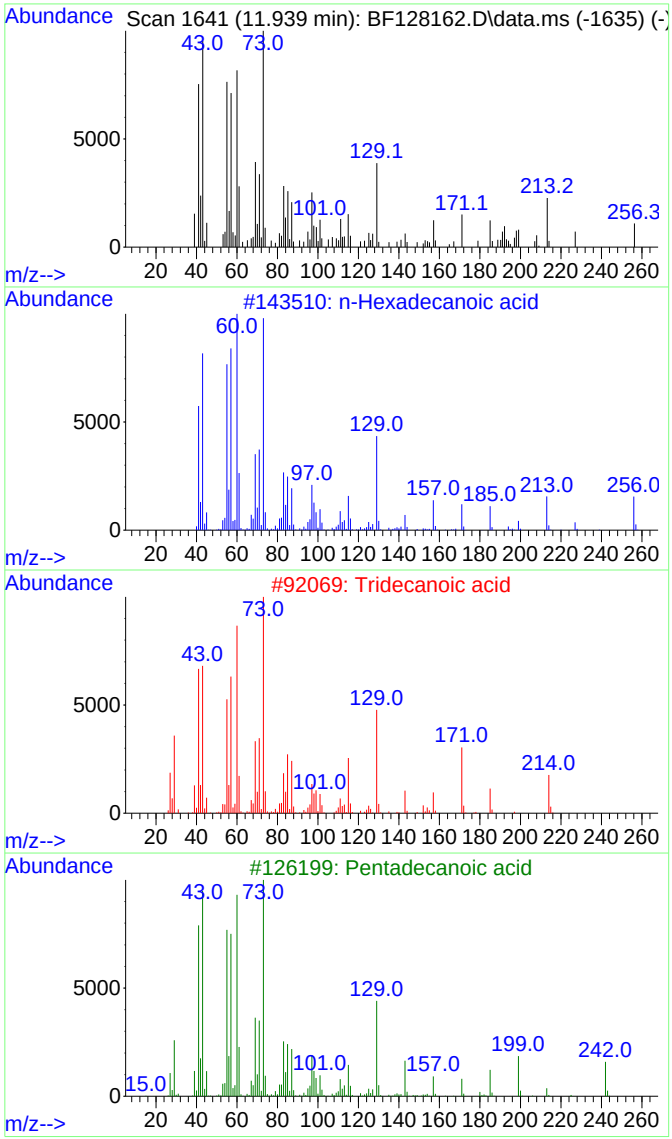
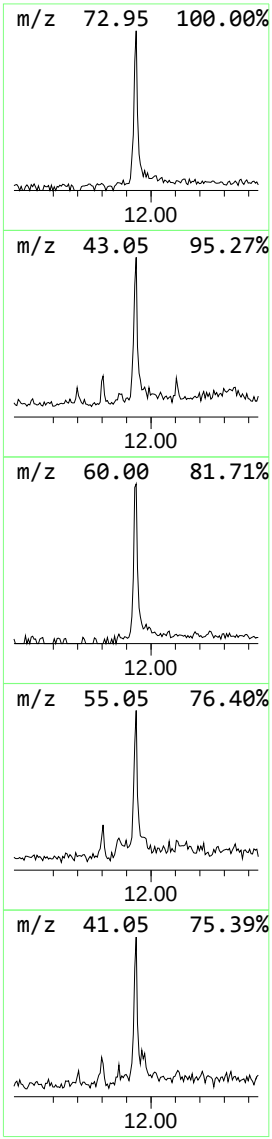
Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.15 ng	166197	Phenanthrene-d10	11.422

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	59
5	Nonanoic acid	158	C9H18O2	000112-05-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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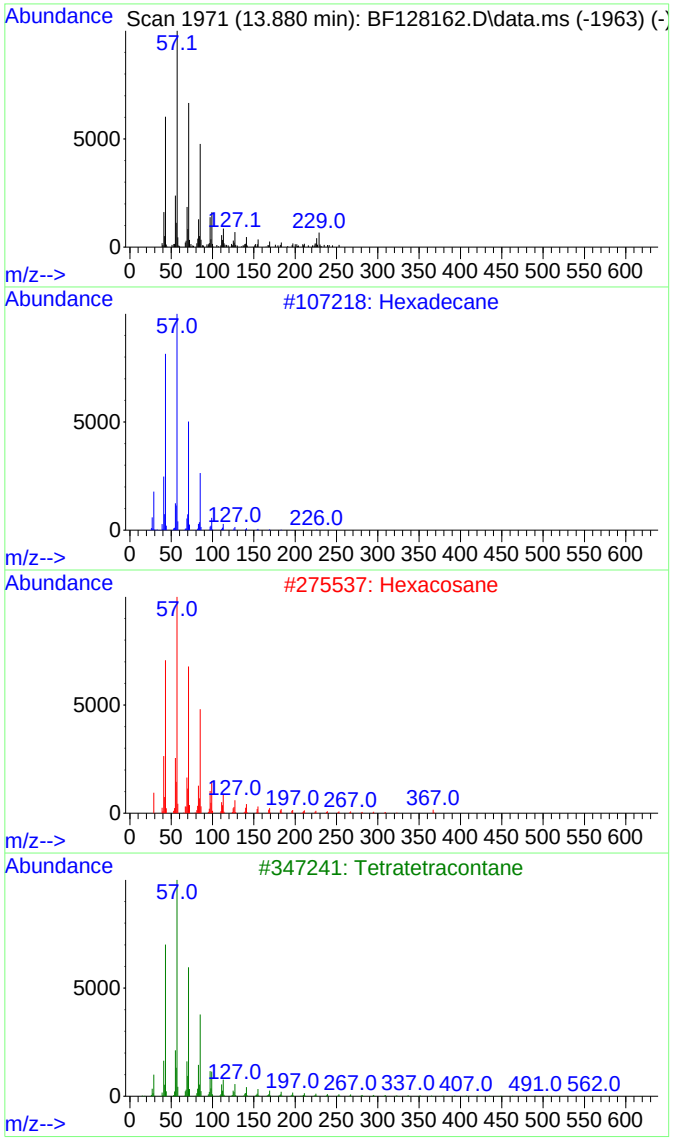
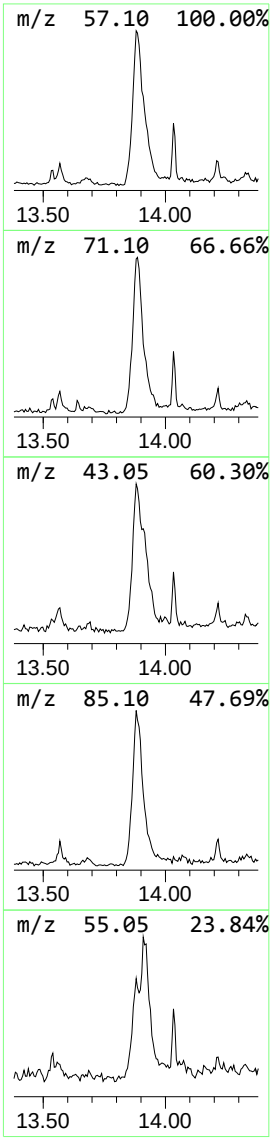
Peak Number 2 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	8.99 ng	268741	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Triacontane	422	C30H62	000638-68-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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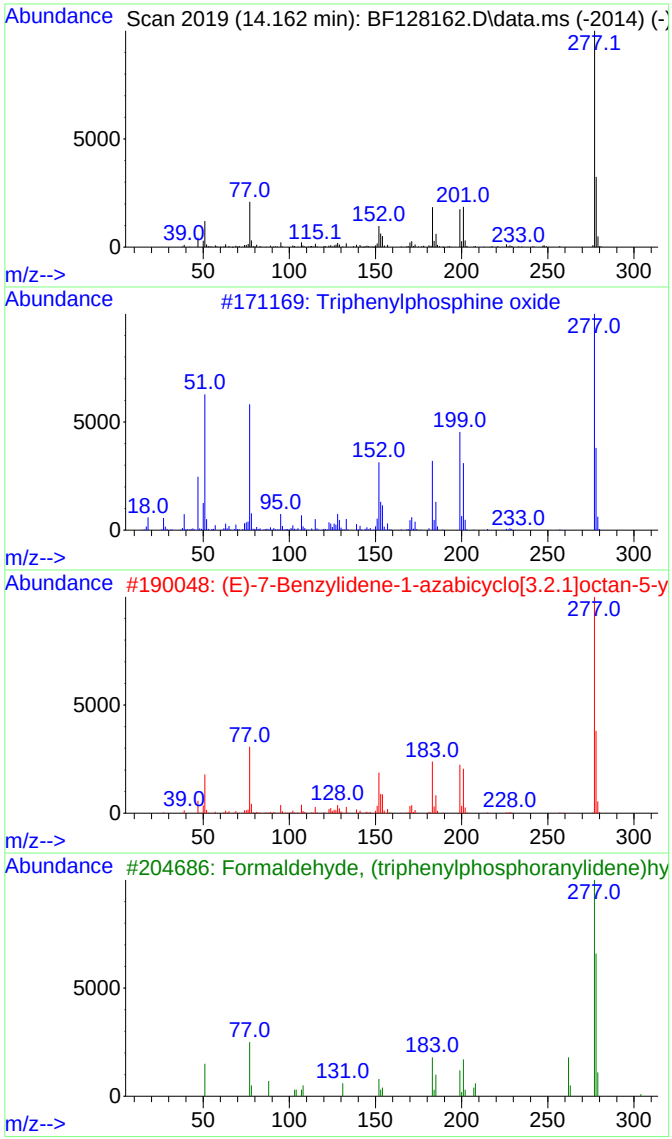
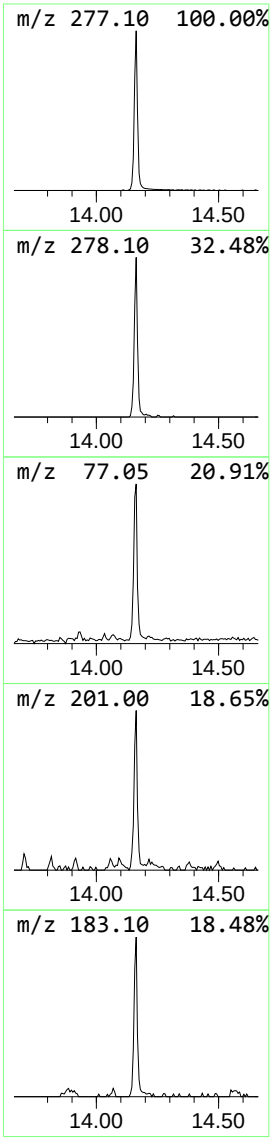
Peak Number 3 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	6.49 ng	194157	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	43
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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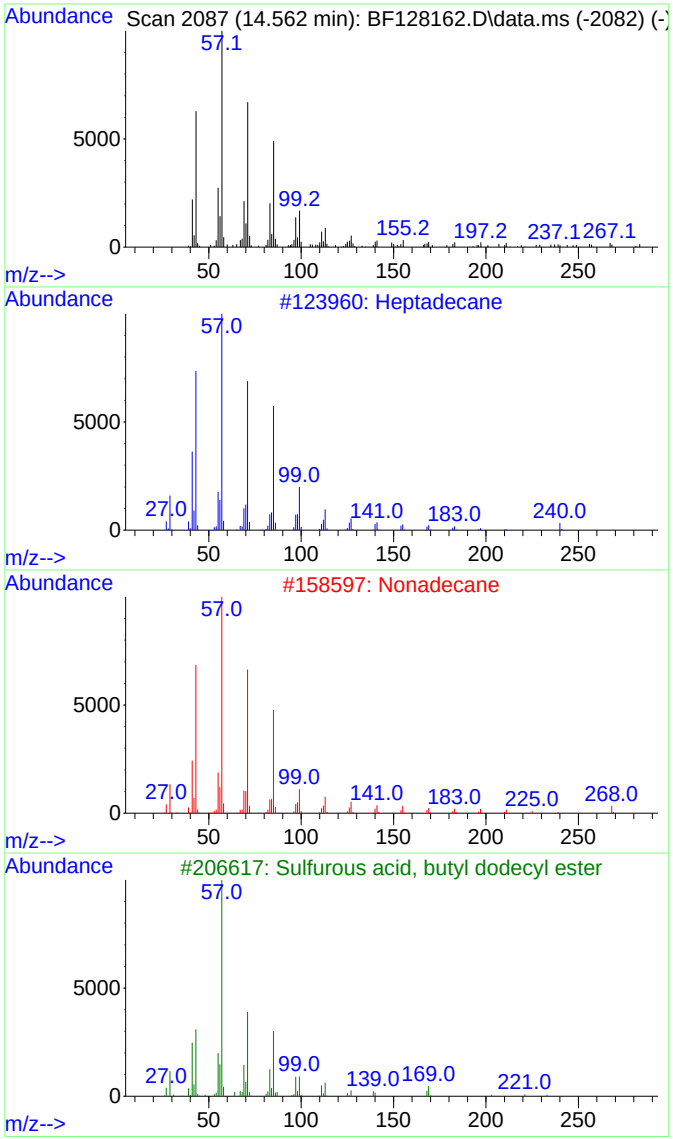
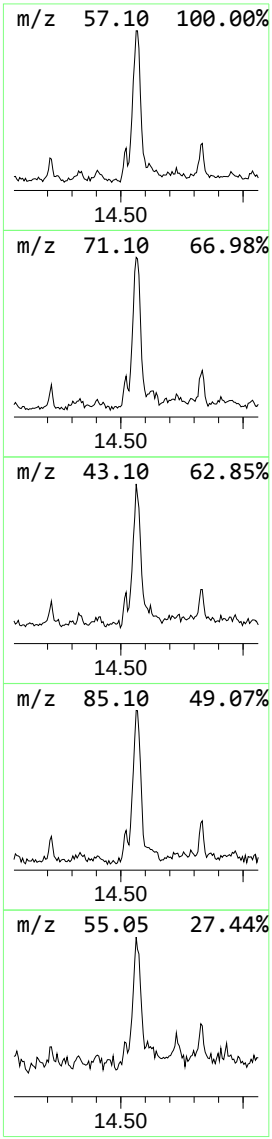
Peak Number 4 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	7.04 ng	210368	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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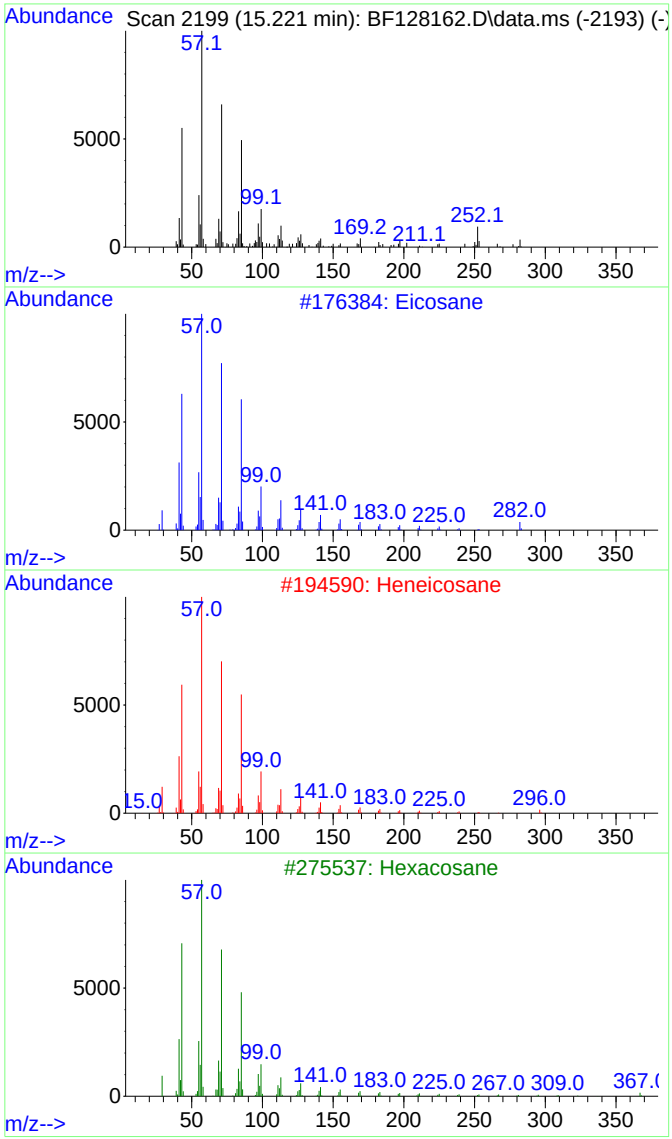
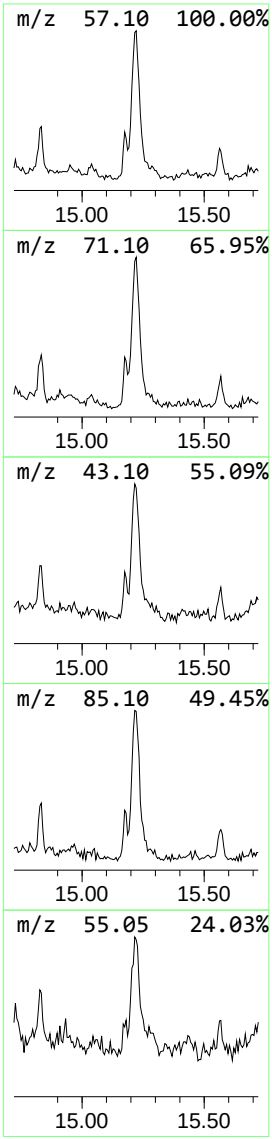
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	6.01 ng	156143	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	83
3	Hexacosane	366	C26H54	000630-01-3	80
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
5	Pentacosane	352	C25H52	000629-99-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
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Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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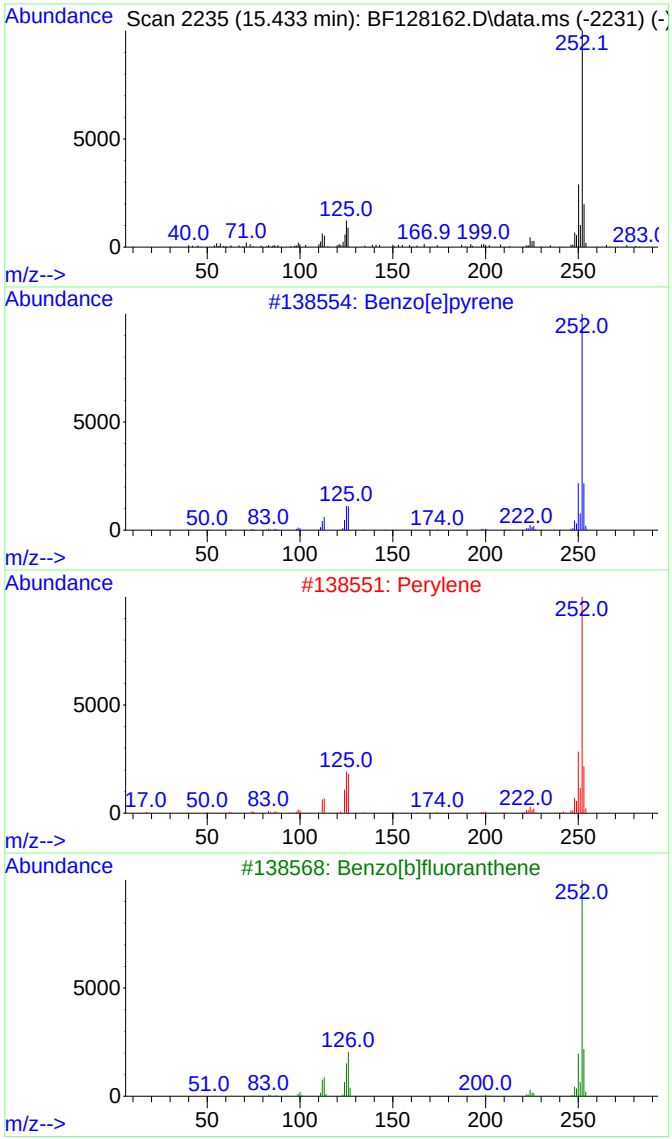
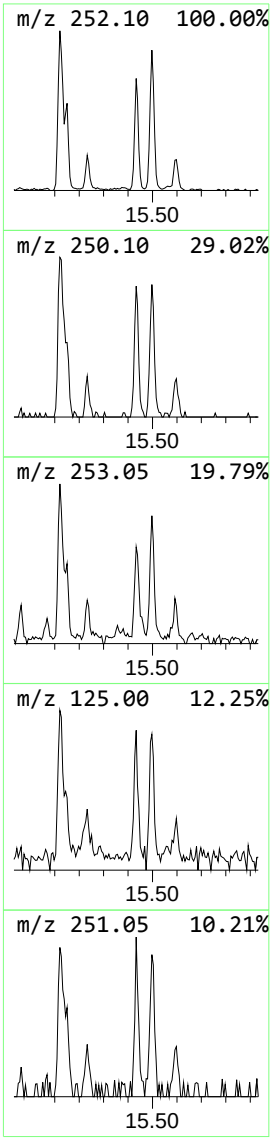
Peak Number 6 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	2.70 ng	70147	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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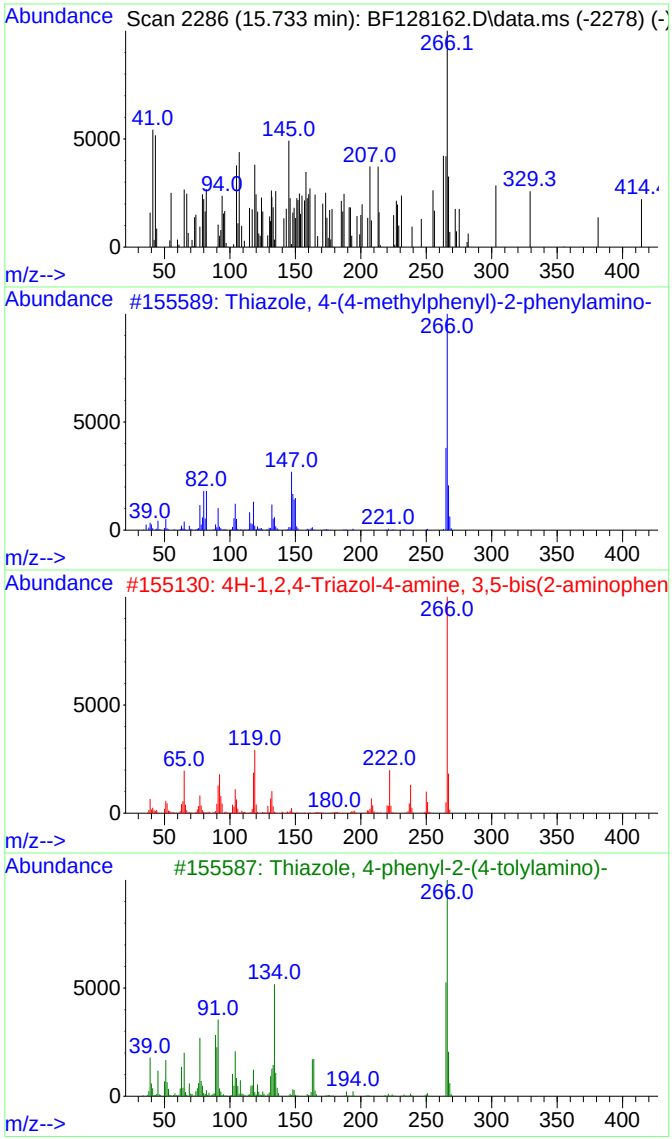
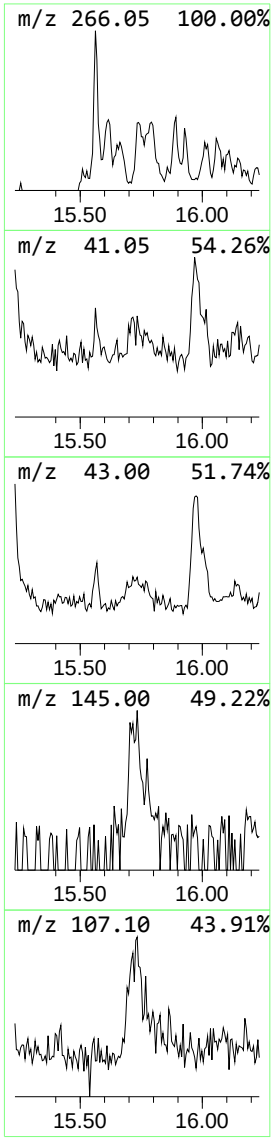
Peak Number 7 unknown15.733 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	2.06 ng	53633	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	30
2	4H-1,2,4-Triazol-4-amine, 3,5-bi...	266	C14H14N6	1000350-00-5	22
3	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	22
4	4,6-Dimethyl-3-(4-hydroxyphenyl)...	266	C17H14O3	331821-43-3	22
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
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Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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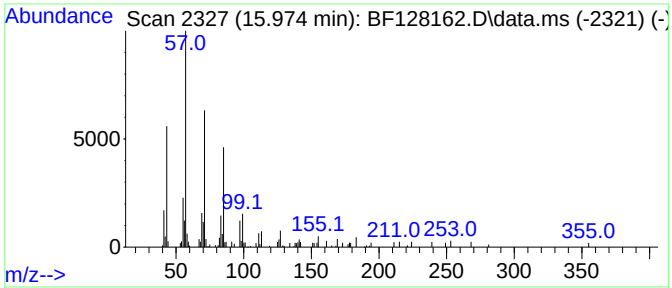
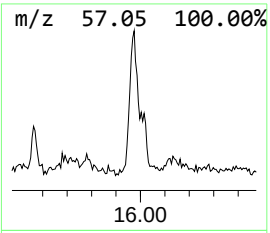
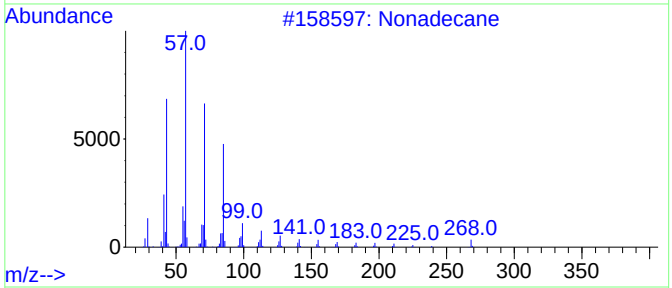
Peak Number 8 Nonadecane Concentration Rank 6

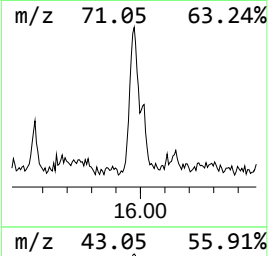
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	3.49 ng	90752	Perylene-d12	15.562

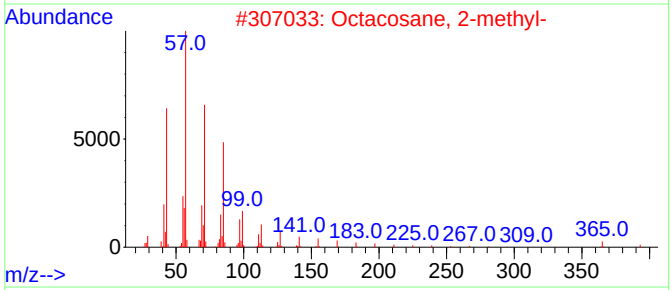
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86

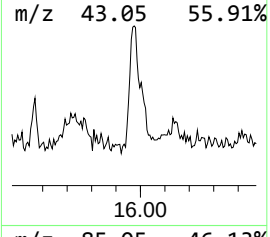


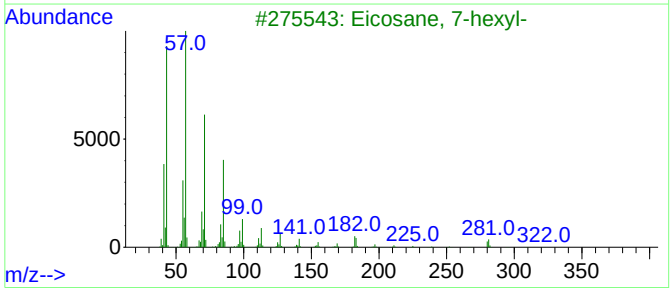


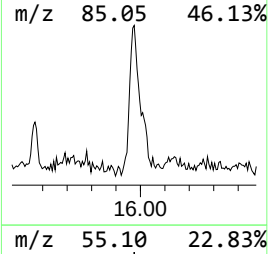


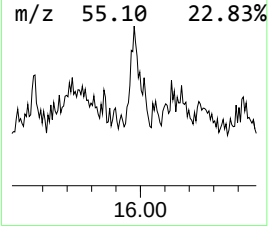












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

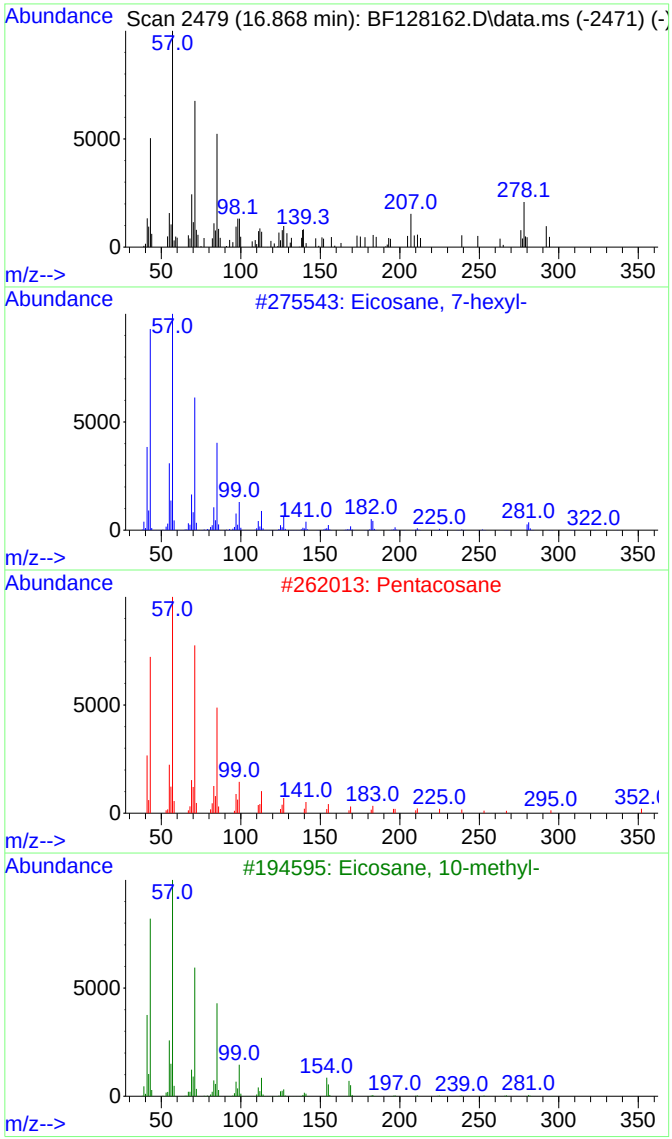
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

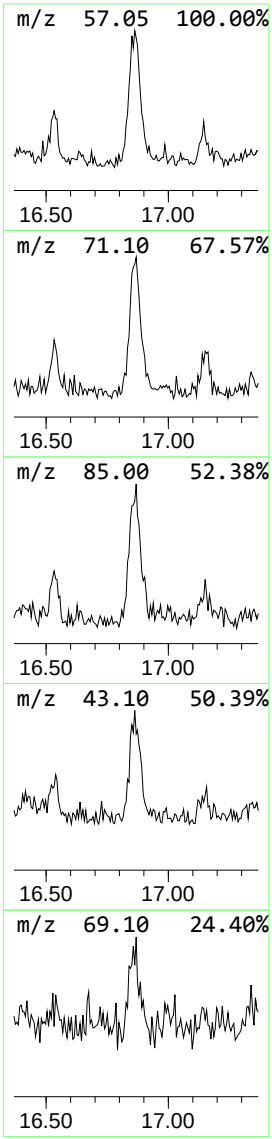
****

Peak Number 9 unknown16.868 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.868	2.79 ng	72611	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	49
2	Pentacosane	352	C25H52	000629-99-2	46
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	43
4	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	43
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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
n-Hexadecanoic ...	11.939	4.2	ng	166197	4	11.422	800442	20.0
Hexadecane	13.880	9.0	ng	268741	5	14.068	597965	20.0
Triphenylphosph...	14.163	6.5	ng	194157	5	14.068	597965	20.0
Heptadecane	14.563	7.0	ng	210368	5	14.068	597965	20.0
Eicosane	15.221	6.0	ng	156143	6	15.562	519626	20.0
Benzo[e]pyrene	15.433	2.7	ng	70147	6	15.562	519626	20.0
unknown15.733	15.733	2.1	ng	53633	6	15.562	519626	20.0
Nonadecane	15.974	3.5	ng	90752	6	15.562	519626	20.0
unknown16.868	16.868	2.8	ng	72611	6	15.562	519626	20.0