LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116328.D
Acq On : 16 Aug 2019 20:06
Operator : HP/JU
Sample : K4321-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	4.451	399	402	418	rBV	19096	56678	1.51%	0.176%
2	5.069	504	507	521	rVB2	25377	45748	1.22%	0.142%
3	5.445	568	571	608	rBV	2584882	2977542	79.10%	9.245%
4	6.457	739	743	762	rBV	2665974	3180534	84.49%	9.875%
5	6.592	762	766	781	rVB	3412248	3088315	82.04%	9.589%
6	6.816	801	804	816	rBV	899128	847419	22.51%	2.631%
7	6.975	827	831	849	rBV	2635802	2555869	67.90%	7.936%
8	7.381	897	900	927	rBV	2056989	2073050	55.07%	6.437%
9	8.098	1019	1022	1037	rBV	1139323	1088752	28.92%	3.381%
10	9.169	1200	1204	1221	rBV	3900135	3758628	99.85%	11.670%
11	9.569	1269	1272	1287	rBV	229746	250286	6.65%	0.777%
12	9.851	1316	1320	1336	rBV	1329707	1280510	34.02%	3.976%
13	10.639	1450	1454	1470	rBV	2059425	2264660	60.16%	7.032%
14	11.339	1569	1573	1582	rBV	1202963	1293881	34.37%	4.017%
15	11.404	1582	1584	1593	rVB2	45715	50118	1.33%	0.156%
16	11.857	1658	1661	1675	rBV2	68382	120730	3.21%	0.375%
17	12.915	1837	1841	1844	rBV	3885209	3764431	100.00%	11.688%
18	13.804	1988	1992	2011	rBV2	225040	514132	13.66%	1.596%
19	13.980	2018	2022	2034	rBV	978842	1074751	28.55%	3.337%
20	14.421	2093	2097	2100	rBV	68957	63830	1.70%	0.198%
21	14.721	2143	2148	2152	rBV	98566	102163	2.71%	0.317%
22	14.798	2157	2161	2164	rVV	40155	39604	1.05%	0.123%
23	15.051	2199	2204	2210	rBV	133753	156951	4.17%	0.487%
24	15.439	2261	2270	2292	rVB	581948	1087725	28.89%	3.377%
25	15.833	2329	2337	2344	rBV	120030	193836	5.15%	0.602%
26	16.321	2415	2420	2434	rVB2	77914	149882	3.98%	0.465%
27	16.886	2510	2516	2525	rBV2	35195	78295	2.08%	0.243%
28	17.562	2623	2631	2638	rBV3	19007	48054	1.28%	0.149%

Sum of corrected areas: 32206374

LSC Report - Integrated Chromatogram

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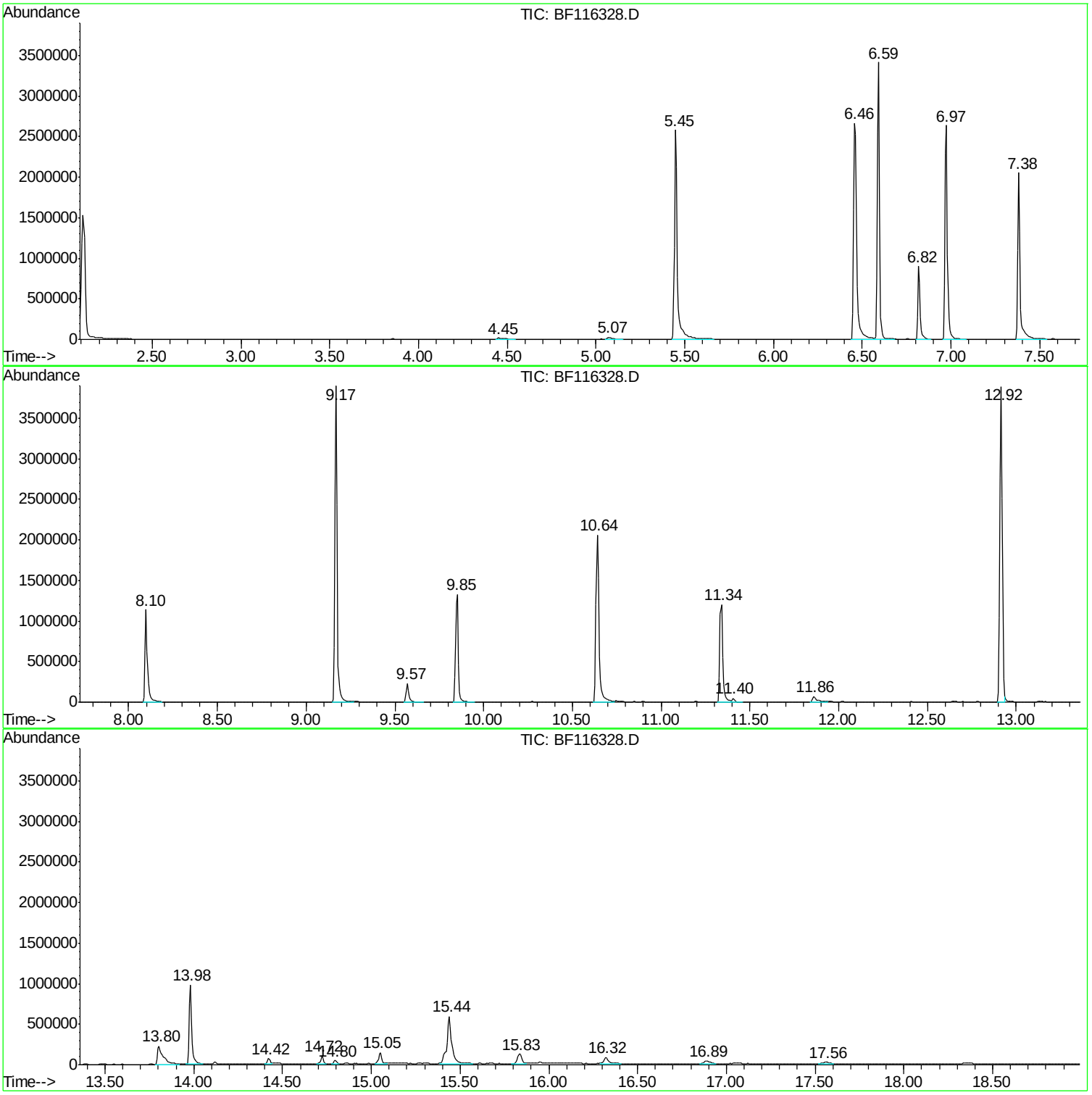
Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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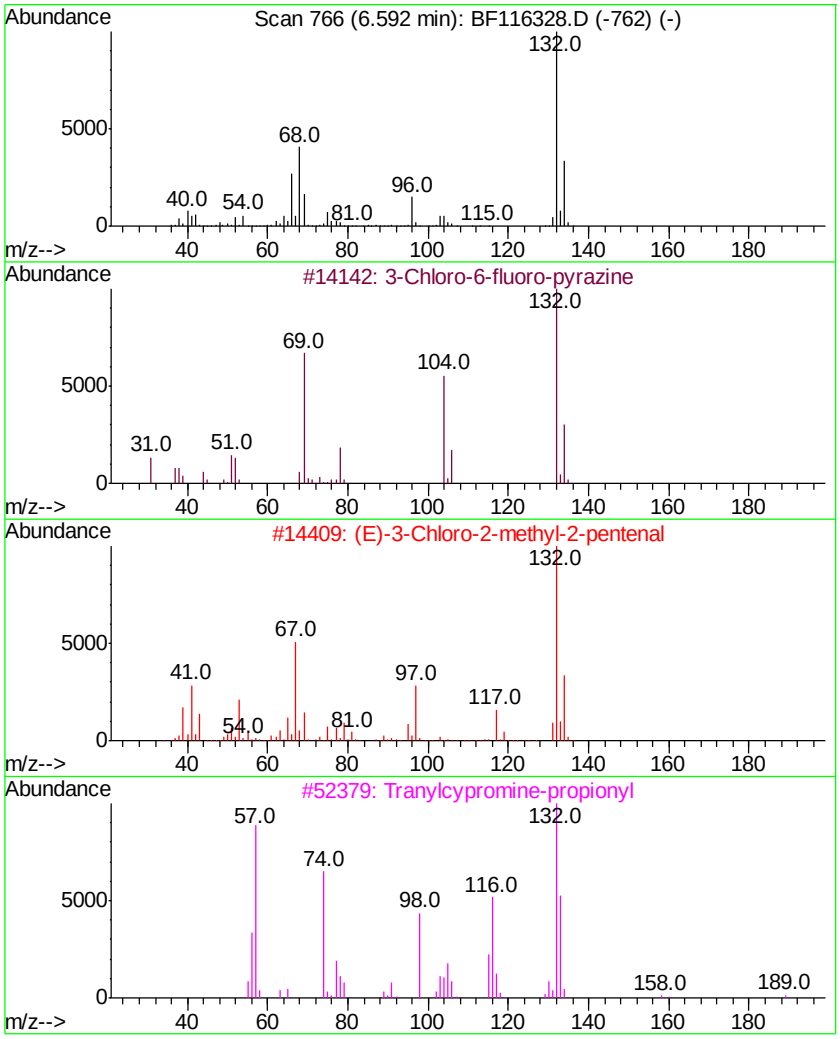
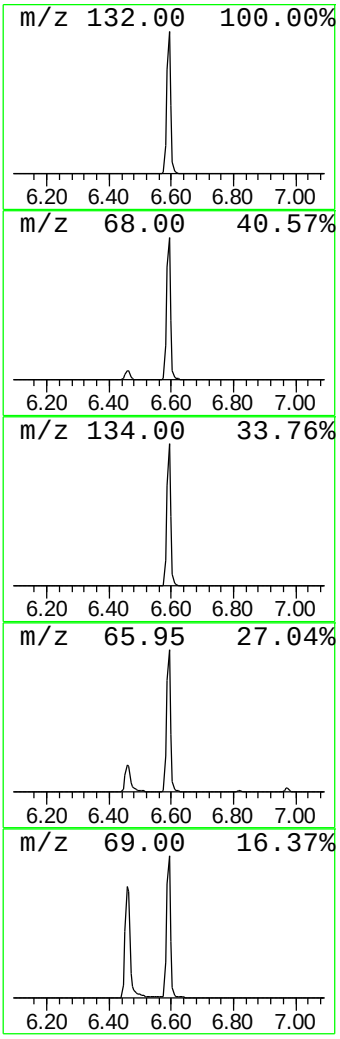
Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	72.89 ng	3088320	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K4321-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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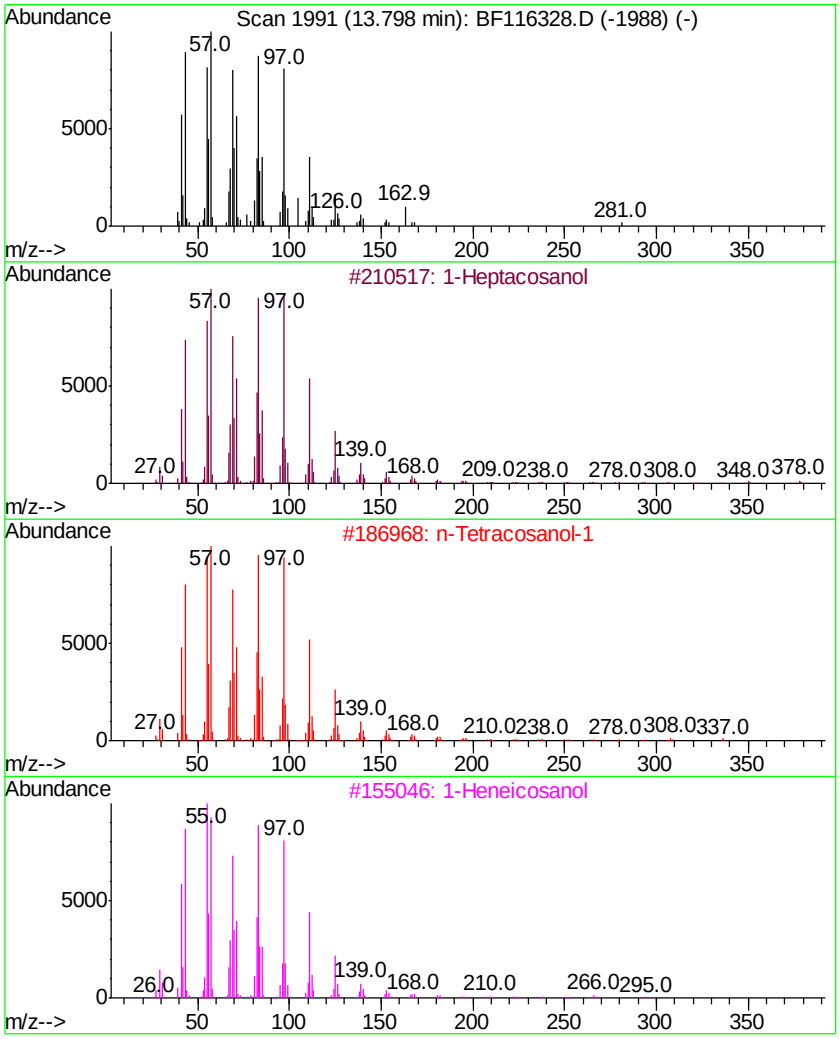
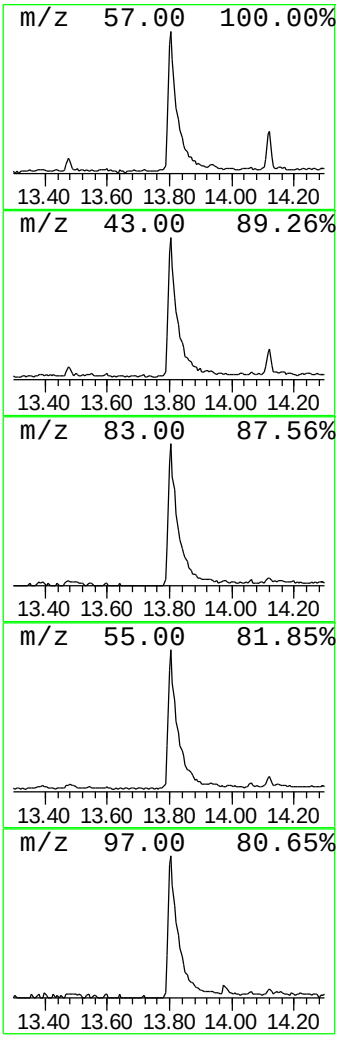
Peak Number 3 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	9.57 ng	514132	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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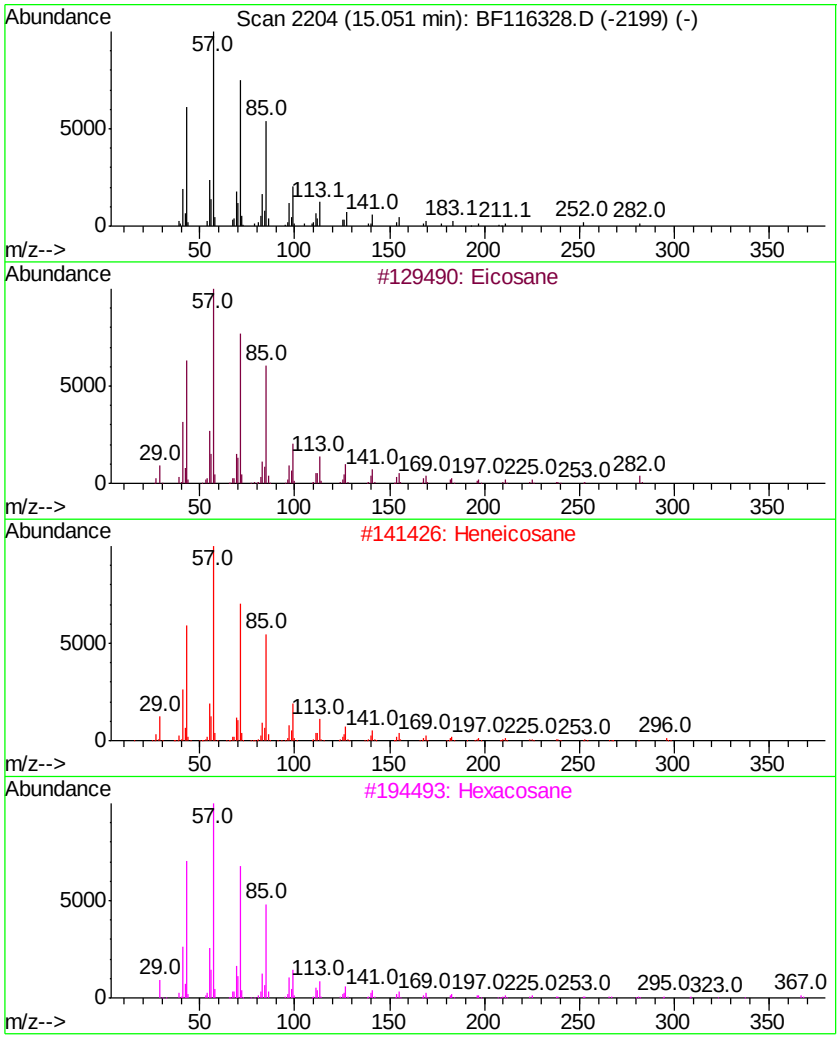
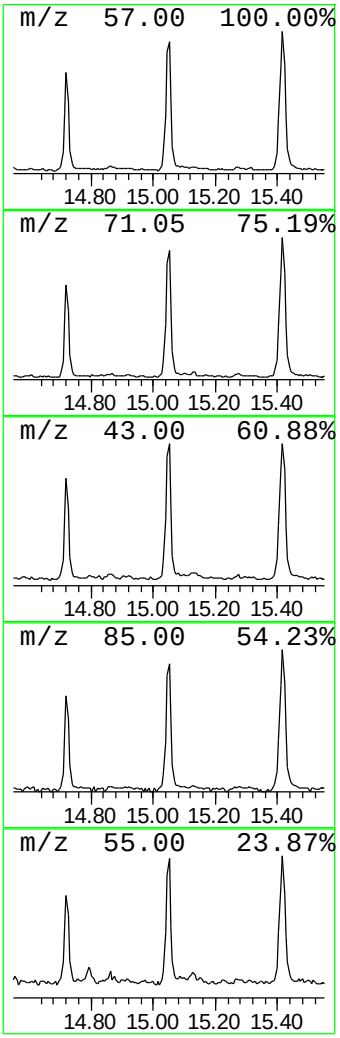
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.89 ng	156951	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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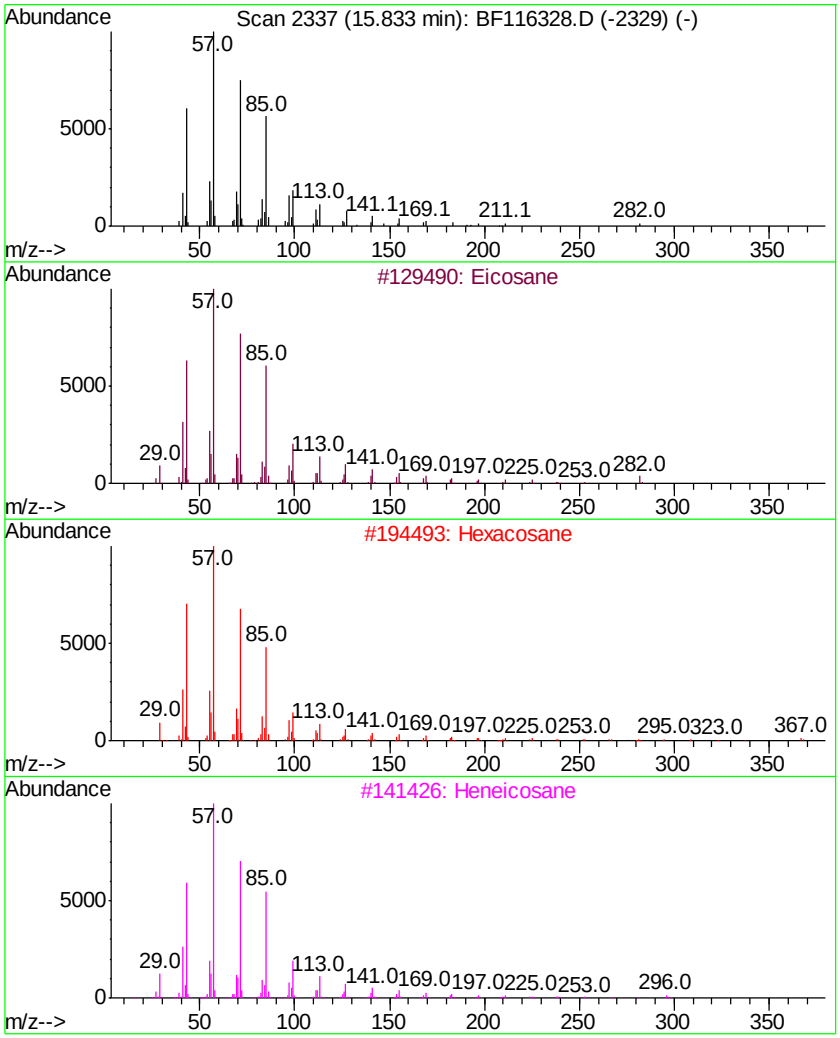
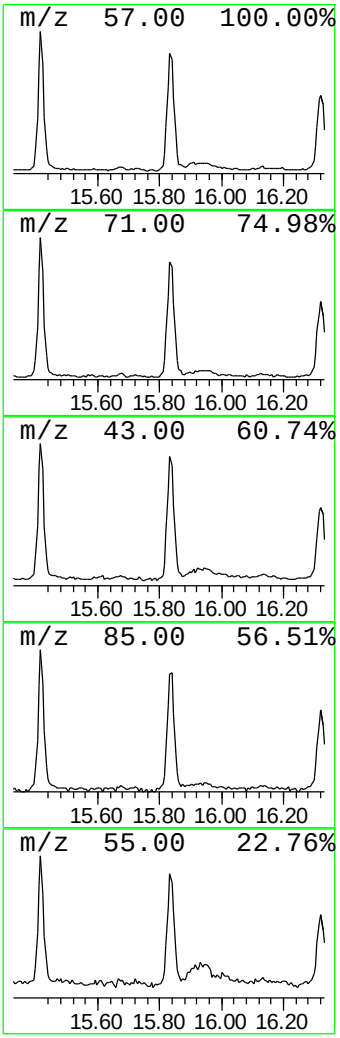
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.56 ng	193836	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Sample : K4321-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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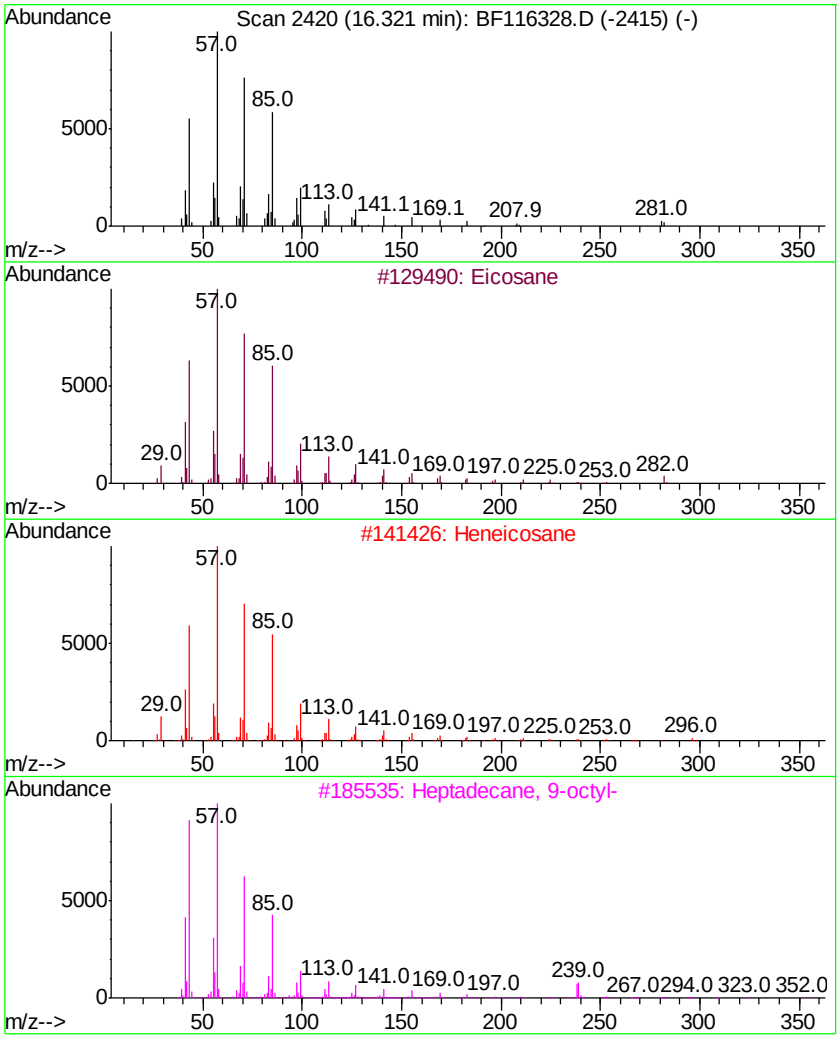
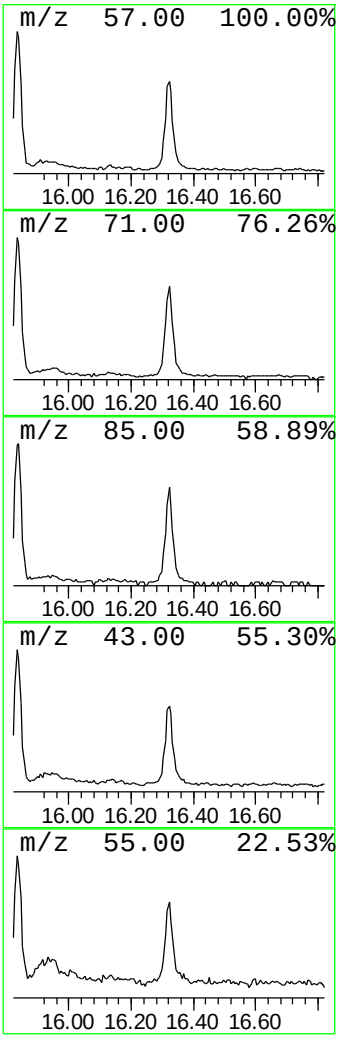
Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.76 ng	149882	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.59	6.59	72.9	ng	3088320	1	6.82	847419	20.0
1-Heptacosanol	13.80	9.6	ng	514132	5	13.98	1074750	20.0
Eicosane	15.05	2.9	ng	156951	6	15.44	1087730	20.0
Hexacosane	15.83	3.6	ng	193836	6	15.44	1087730	20.0
Heneicosane	16.32	2.8	ng	149882	6	15.44	1087730	20.0